Robot_ur_lab

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Project							
Name:	Robot_ur_lab	**Creation time:**	3/25/2025 1:26:39 PM	**Last change**	4/4/2025 3:49:47 AM	**Author:**	192072
Last modified by:	192072	**Version:**					
Comment:							

Operating system	
Name	**Description**
Operating system	Microsoft Windows 11 Education
Version of the operating system	6.3.9600.0
Operating system service pack	
Version of the Internet Explorer	11.1882.26100.0
Computer name	J102M04
User name	IBERO\192072
Installation path of the TIA Portal	C:\Program Files\Siemens\Automation\Portal V15_1

Components		
Name	**Version**	**Release**
TIA Portal Multiuser Server V15.1 - TIA Portal Multiuser Server Single Setup-Package V15.1 (MUSERVERV15_1)	V15.1	V15.01.00.00_28.01.00.01
TIA Portal Project Server V17 - TIA Portal Project Server Single SetupPackage V17.0 (MUSERVERV17)	V17.0	V17.00.00.00_43.02.00.01
TIA Administrator - AWB Licensing Module V1.0 + SP4 (TIAADMIN)	V1.0 + SP4	V01.00.04.00_01.18.00.04
TIA Administrator - AWB Software Management V1.0 + SP4 (TIAADMIN)	V1.0 + SP4	V01.00.04.00_01.18.00.04
TIA Administrator - TIA UMC Agent Configurator Module V1.0 + SP4 (TIAADMIN)	V1.0 + SP4	V01.00.04.00_01.18.00.04
TIA Administrator - TIA Administrator V1.0 SP4 (TIAADMIN)	V1.0 + SP4	V01.00.04.00_01.18.00.04
Siemens Totally Integrated Automation Portal V15.1 - HM All Editions Sin-gle SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - HM NoBasic Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 0 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Multiuser Client Sin-gle SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - STEP 7 Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 02 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 03 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package 04 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Support Base Pack-age TO-01 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Support Base Pack-age TO-02 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - Hardware Support Base Package WCF-01 V15.1 (TIAP15_1)	V15.1	V15.01.00.00_11.01.00.07
Siemens Totally Integrated Automation Portal V15.1 - TIACOMPCHECK Sin-gle SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Simatic Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Single Setup-Package V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - Openness SetupPack-age V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Cur-rent All Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Cur-rent CAP Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Transfer Man-datory Single SetupPackage V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
User Management Component - UserManagementComponentx64 V2.9 SP3 (UMC64)	V2.9 + SP3	V02.09.03.00_12.03.00.03
User Management Component - umtrayiconx64 V2.9 + SP3 (UMC64)	V2.9 + SP3	V02.09.03.00_12.03.00.03
WinCC Runtime Advanced V17.0 - HMIRTM Tagging Package 01 Single Se-tupPackage V17.0 (HMIRTM_V11)	V17.0	V17.00.00.00_43.02.00.01
Siemens Totally Integrated Automation Portal V15.1 - Simatic Single Setup-Package 32 Bit V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
Siemens Totally Integrated Automation Portal V15.1 - WinCC Single Setup-Package 32 Bit V15.1 (TIAP15_1)	V15.1	V15.01.00.00_28.01.00.01
SIMATIC HMI License Manager Panel Plugin (x64)	17.0.0.0	V17.00.00.00_43.02.00.01
SIMATIC WinCC Runtime Advanced Driver (x64)	17.0.0.0	V17.00.00.00_43.02.00.01
ETWEventCollector	17.0.0.0	V17.00.00.00_43.02.00.01
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 Device Drivers	9.3	09.03.00.00_01.05.00.06
TelemetryConnector	1.3.0.5	V01.03.00.05_01.00.00.01
Automation Software Updater	02.04.0000	V02.04.00.00_01.12.00.05
SIEMENS OPC	3.9	03.09.11.01_01.01.00.02
SIMATIC HMI ProSave	17.0.0.0	V17.00.00.00_43.02.00.01
SIMATIC HMI Symbol Library	17.0.0.0	V17.00.00.00_43.02.00.01
SIMATIC HMI Touch Input	17.0.0.0	V17.00.00.00_43.02.00.01
SIMATIC Device Drivers WoW	29.3	29.03.00.00_01.05.00.06
SIMATIC Event Database	5.6	05.06.02.02_01.01.00.01

Name	Version	Release
SeCon	2.7	V02.07.02.00_01.01.00.04
WinCC Runtime Advanced Simulator	17.0.0.0	V17.00.00.00_43.02.00.01

Products		
Name	**Version**	**Release**
TIA Portal Multiuser Server	V15.1	V15.01.00.00_28.01.00.01
TIA Portal Project Server	V17.0	V17.00.00.00_43.02.00.01
TIA Administrator	V1.0	01.00.04.00_01.18.00.04
SIMATIC STEP 7 Professional - WinCC Advanced	V15.1	V15.01.00.00_28.01.00.01
SIMATIC STEP 7 Prof - STEP 7 Safety - WinCC Adv	V17.0	V17.00.00.00_43.02.00.01
User Management Component	V2.9	V02.09.00.00_00.00.00.00
UMC Status Application	V1.0	V01.00.00.00_01.01.00.01
SIMATIC WinCC Runtime Advanced Simulation	V17.0	V17.00.00.00_43.02.00.01
Automation License Manager	V6.0 + SP9 + Upd2	06.00.09.02_01.01.00.02
SIMATIC ProSave	V17.0	V17.00.00.00_43.02.00.01

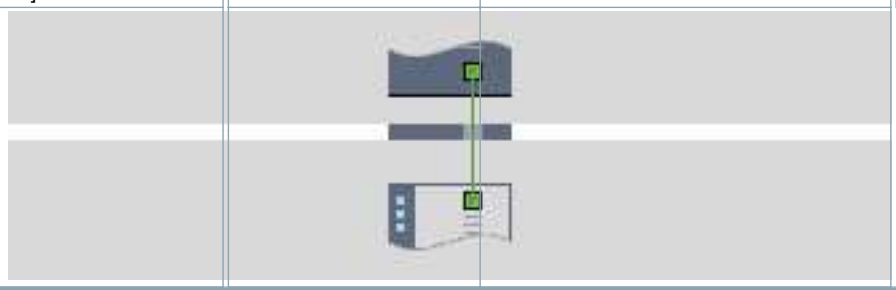
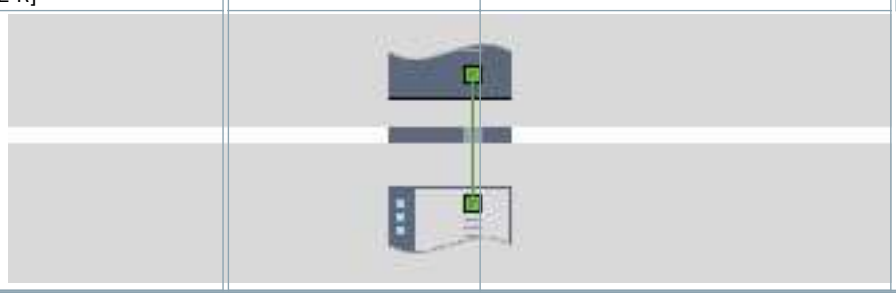
Robot_ur_lab

PLC_1 [CPU 1215C DC/DC/DC]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	192072	**Comment**	
Slot	1	**Rack**	0		
General\Catalog information					
Short designation	CPU 1215C DC/DC/DC	**Description**	Work memory 125 KB; 24VDC power supply with DI14 x 24VDC SINK/ SOURCE, DQ10 x 24VDC and AI2 and AQ2 on board; 6 high-speed counters and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 8 signal modules for I/O expansion; 0.04 ms/1000 instructions; 2 PROFINET ports for programming, HMI and PLC-to-PLC communication	**Article number**	6ES7 215-1AG40-0XB0
Firmware version	V4.2				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2025-03-25 13:29:59.459
Additional information					
General\Checksums					
Text lists	FA 70 E8 75 1D 5A 8E 29	**Software**	00 54 2A 65 08 61 E2 EE		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	192072	**Comment**	
PROFINET interface [X1]\General\Project information					
Name	DI 14/DQ 10_1	**Comment**		**Name**	AI 2/AQ 2_1
Comment					
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.4	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1
Converted name:	plcxb1d0ed	**Device number:**	0		
PROFINET interface [X1]\Time synchronization					
Enable time synchronization via NTP server	Enable time synchronization via NTP server		IP addresses	**Server 1**	0.0.0.0
Server 2	0.0.0.0	**Server 3**	0.0.0.0	**Server 4**	0.0.0.0
Update interval	10sec	**Empty**		**CPU synchronizes the modules of the device.**	No synchronization
PROFINET interface [X1]\Digital inputs\Channel0					
Channel address	I0.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel0					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49152	**Event name:**	0
Hardware interrupt:	0	**Rising edge0**	Rising edge0		
PROFINET interface [X1]\Digital inputs\Channel0					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	0
Hardware interrupt:	0	**Falling edge0**	Falling edge0		
PROFINET interface [X1]\Digital inputs\Channel1					
Channel address	I0.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel1					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49153	**Event name:**	0
Hardware interrupt:	0	**Rising edge1**	Rising edge1		
PROFINET interface [X1]\Digital inputs\Channel1					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	0
Hardware interrupt:	0	**Falling edge1**	Falling edge1		
PROFINET interface [X1]\Digital inputs\Channel2					
Channel address	I0.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel2					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49154	**Event name:**	0
Hardware interrupt:	0	**Rising edge2**	Rising edge2		
PROFINET interface [X1]\Digital inputs\Channel2					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	0
Hardware interrupt:	0	**Falling edge2**	Falling edge2		
PROFINET interface [X1]\Digital inputs\Channel3					
Channel address	I0.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel3					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49155	**Event name:**	0
Hardware interrupt:	0	**Rising edge3**	Rising edge3		

PROFINET interface [X1]\Digital inputs\Channel3					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	0
Hardware interrupt:	0	**Falling edge3**	Falling edge3		
PROFINET interface [X1]\Digital inputs\Channel4					
Channel address	I0.4	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel4					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49156	**Event name:**	0
Hardware interrupt:	0	**Rising edge4**	Rising edge4		
PROFINET interface [X1]\Digital inputs\Channel4					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	0
Hardware interrupt:	0	**Falling edge4**	Falling edge4		
PROFINET interface [X1]\Digital inputs\Channel5					
Channel address	I0.5	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel5					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49157	**Event name:**	0
Hardware interrupt:	0	**Rising edge5**	Rising edge5		
PROFINET interface [X1]\Digital inputs\Channel5					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	0
Hardware interrupt:	0	**Falling edge5**	Falling edge5		
PROFINET interface [X1]\Digital inputs\Channel6					
Channel address	I0.6	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel6					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49158	**Event name:**	0
Hardware interrupt:	0	**Rising edge6**	Rising edge6		
PROFINET interface [X1]\Digital inputs\Channel6					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	0
Hardware interrupt:	0	**Falling edge6**	Falling edge6		
PROFINET interface [X1]\Digital inputs\Channel7					
Channel address	I0.7	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel7					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49159	**Event name:**	0
Hardware interrupt:	0	**Rising edge7**	Rising edge7		
PROFINET interface [X1]\Digital inputs\Channel7					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	0
Hardware interrupt:	0	**Falling edge7**	Falling edge7		
PROFINET interface [X1]\Digital inputs\Channel8					
Channel address	I1.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel8					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49160	**Event name:**	0
Hardware interrupt:	0	**Rising edge8**	Rising edge8		
PROFINET interface [X1]\Digital inputs\Channel8					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	0
Hardware interrupt:	0	**Falling edge8**	Falling edge8		
PROFINET interface [X1]\Digital inputs\Channel9					
Channel address	I1.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel9					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49161	**Event name:**	0
Hardware interrupt:	0	**Rising edge9**	Rising edge9		
PROFINET interface [X1]\Digital inputs\Channel9					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	0
Hardware interrupt:	0	**Falling edge9**	Falling edge9		
PROFINET interface [X1]\Digital inputs\Channel10					
Channel address	I1.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel10					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49162	**Event name:**	0
Hardware interrupt:	0	**Rising edge10**	Rising edge10		
PROFINET interface [X1]\Digital inputs\Channel10					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	0
Hardware interrupt:	0	**Falling edge10**	Falling edge10		
PROFINET interface [X1]\Digital inputs\Channel11					
Channel address	I1.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel11					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49163	**Event name:**	0
Hardware interrupt:	0	**Rising edge11**	Rising edge11		
PROFINET interface [X1]\Digital inputs\Channel11					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	0
Hardware interrupt:	0	**Falling edge11**	Falling edge11		
PROFINET interface [X1]\Digital inputs\Channel12					
Channel address	I1.4	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel13					
Channel address	I1.5	**Input filters**	6.4 millisec	**Enable pulse catch**	0

PROFINET interface [X1]\Analog inputs\Noise reduction					
Integration time	50 Hz (20 ms)				
PROFINET interface [X1]\Analog inputs\Channel0					
Channel address	IW64	**Measurement type**	Voltage	**Voltage range**	0..10 V
Smoothing	Weak (4 cycles)	**Empty**		**Enable overflow diagnostics**	1
PROFINET interface [X1]\Analog inputs\Channel1					
Channel address	IW66	**Measurement type**	Voltage	**Voltage range**	0..10 V
Smoothing	Weak (4 cycles)	**Empty**		**Enable overflow diagnostics**	1
PROFINET interface [X1]\Digital outputs					
Reaction to CPU STOP	Use substitute value				
PROFINET interface [X1]\Digital outputs\Channel0					
Channel address	Q0.0	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel1					
Channel address	Q0.1	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel2					
Channel address	Q0.2	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel3					
Channel address	Q0.3	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel4					
Channel address	Q0.4	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel5					
Channel address	Q0.5	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel6					
Channel address	Q0.6	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel7					
Channel address	Q0.7	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel8					
Channel address	Q1.0	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel9					
Channel address	Q1.1	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Analog outputs					
Reaction to CPU STOP	Use substitute value				
PROFINET interface [X1]\Analog outputs\Channel0					
Channel address	QW64	**Analog output type**	Current	**Current range**	0..20 mA
Substitute value for channel on a change from RUN to STOP	0.000mA	**Empty**		**Enable overflow diagnostics**	1
Enable underflow diagnostics	1				
PROFINET interface [X1]\Analog outputs\Channel1					
Channel address	QW66	**Analog output type**	Current	**Current range**	0..20 mA
Substitute value for channel on a change from RUN to STOP	0.000mA	**Empty**		**Enable overflow diagnostics**	1
Enable underflow diagnostics	1				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	64	**End address**	67	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	64	**End address**	67	**Organization block**	0
Process image	0				
PROFINET interface [X1]\Advanced options\Interface options					
Support device replacement without exchangeable medium	True	**Permit overwriting of device names of all assigned IO devices**	False	**Use IEC V2.2 LLDP mode**	False
Keep-Alive connection monitoring:	30s				

PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\General					
Name	Port_1	**Author**	192072	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2]\General					
Name	Port_2	**Author**	192072	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Enable Web server using this interface	False	**The Web server must also be activated in the properties of the PLC.**			
High speed counters (HSC)\HSC1\General\Enable					
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
High speed counters (HSC)\HSC1\General\Project information					
Name	HSC_1	**Comment**		**Name**	HSC_2
Comment		**Name**	HSC_3	**Comment**	
Name	HSC_4	**Comment**		**Name**	HSC_5
Comment		**Name**	HSC_6	**Comment**	
High speed counters (HSC)\HSC1\I/O addresses\Input addresses					
Start address	1000.0	**End address**	1003.7	**Start address**	1004.0
End address	1007.7	**Organization block**	0	**Start address**	1008.0
End address	1011.7	**Organization block**	0	**Process image**	0
Start address	1012.0	**End address**	1015.7	**Organization block**	0
Process image	0	**Start address**	1016.0	**End address**	1019.7
Organization block	0	**Process image**	0	**Start address**	1020.0
End address	1023.7	**Organization block**	0	**Process image**	0
Organization block	0	**Process image**	0	**Process image**	0
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable					
Enable this pulse generator	0	**Enable this pulse generator**	0		
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information					
Name	Pulse_1	**Comment**		**Name**	Pulse_2
Comment					
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses					
Start address	1000.0	**End address**	1001.7	**Start address**	1002.0

End address	1003.7	**Organization block**	0	**Organization block**	0
Process image	0	**Process image**	0		
Startup					
Startup after POWER ON	Warm restart - mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
OBs should be interruptible	1				
Cycle					
Cycle monitoring time	150ms			**Enable minimum cycle time for cyclic OBs**	0
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	20%				
System and clock memory\System memory bits					
Enable the use of system memory byte	0	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	0	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
Web server\General					
Activate Web server on all modules of this device	False	**Permit access only with HTTPS**	True		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User interface languages

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

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False

User interface languages

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

Time of day\Local time

Time zone	(UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna				
Time of day\Daylight saving time					
Activate daylight saving time	1	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Starting week of the month:	Last		Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
	Last		Sunday	**of**	October
at	02:00 a.m.				
Protection & Security					
Level of protection	No protection				
Protection & Security\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	False				
Protection & Security\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
Protection & Security\External load memory					
Disable copying from internal load memory to external load memory	False				

Configuration control\Configuration control for central configuration

Allow to reconfigure the device via the user program	0

Connection resources

	Station resources - Reserved - Maximum	Station resources - Reserved - Configured	Station resources - Dynamic - Configured	Module resources - PLC_1 [CPU 1215C DC/DC/DC] - Configured
Maximum number of resources:		62	6	68
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	12	1	0	1
S7 communication:	8	0	0	0
Open user communication:	8	0	0	0
Web communication:	30	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		61	6	67

Overview of addresses\Overview of addresses\Overview of addresses

Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 14/DQ 10_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 1
O	0	1	DI 14/DQ 10_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 1
I	64	67	AI 2/AQ 2_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 2
O	64	67	AI 2/AQ 2_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 2
I	1000	1003	HSC_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 16
I	1004	1007	HSC_2	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 17
I	1008	1011	HSC_3	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 18
I	1012	1015	HSC_4	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 19
I	1016	1019	HSC_5	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 20
I	1020	1023	HSC_6	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 21
O	1000	1001	Pulse_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 32
O	1002	1003	Pulse_2	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 33
O	1004	1005	Pulse_3	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 34
O	1006	1007	Pulse_4	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 35

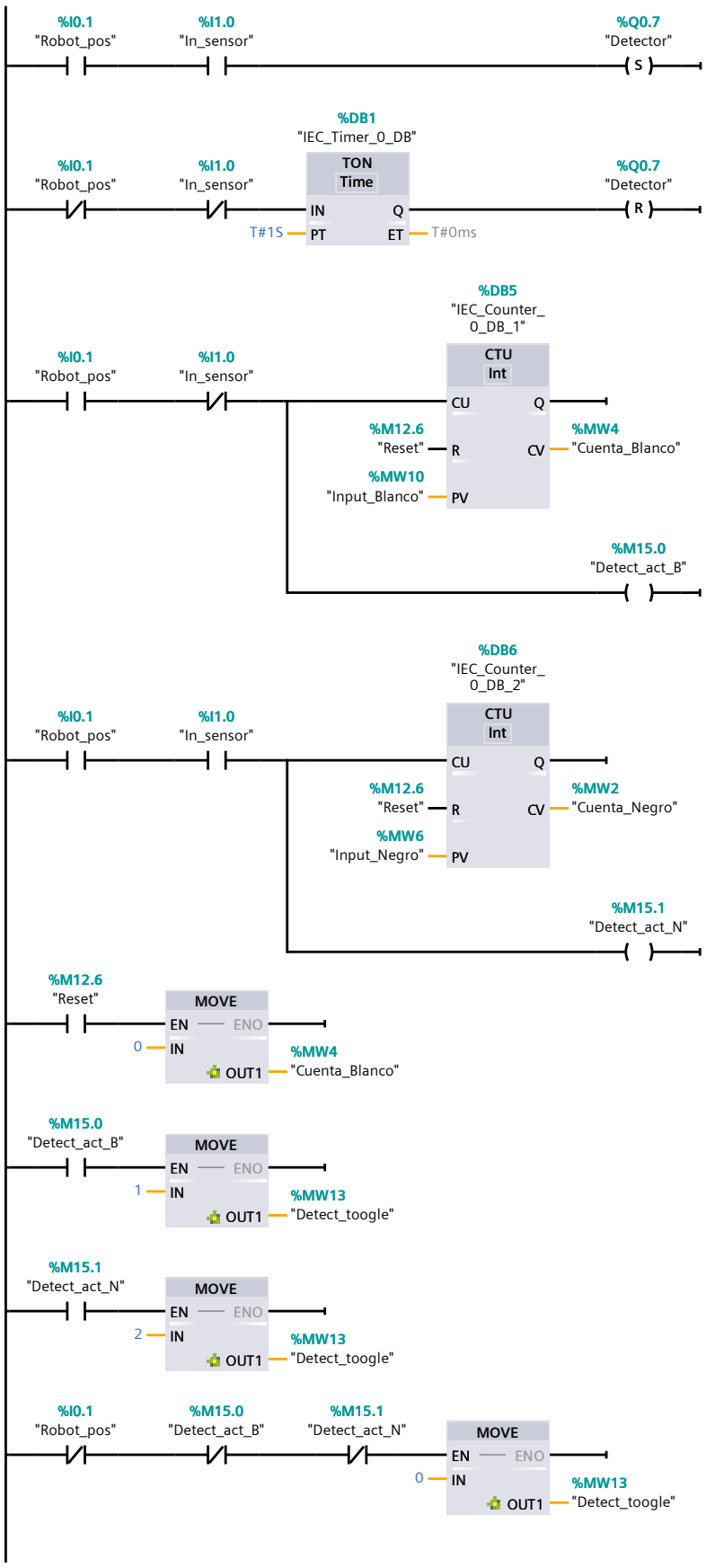
Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks

Main [OB1]

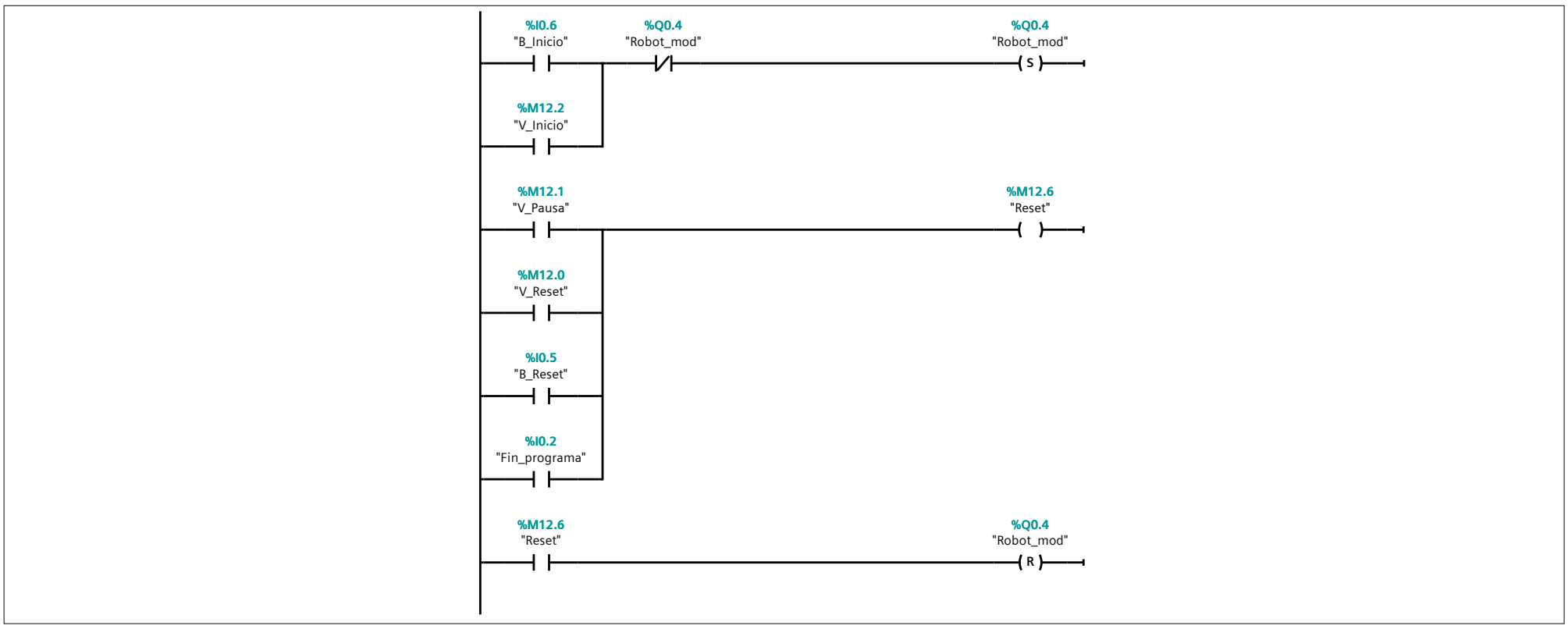
Main Properties							
General							
Name	Main	**Number**	1	**Type**	OB	**Language**	LAD
Numbering	Automatic						
Information							
Title	"Main Program Sweep (Cycle)"	**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

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

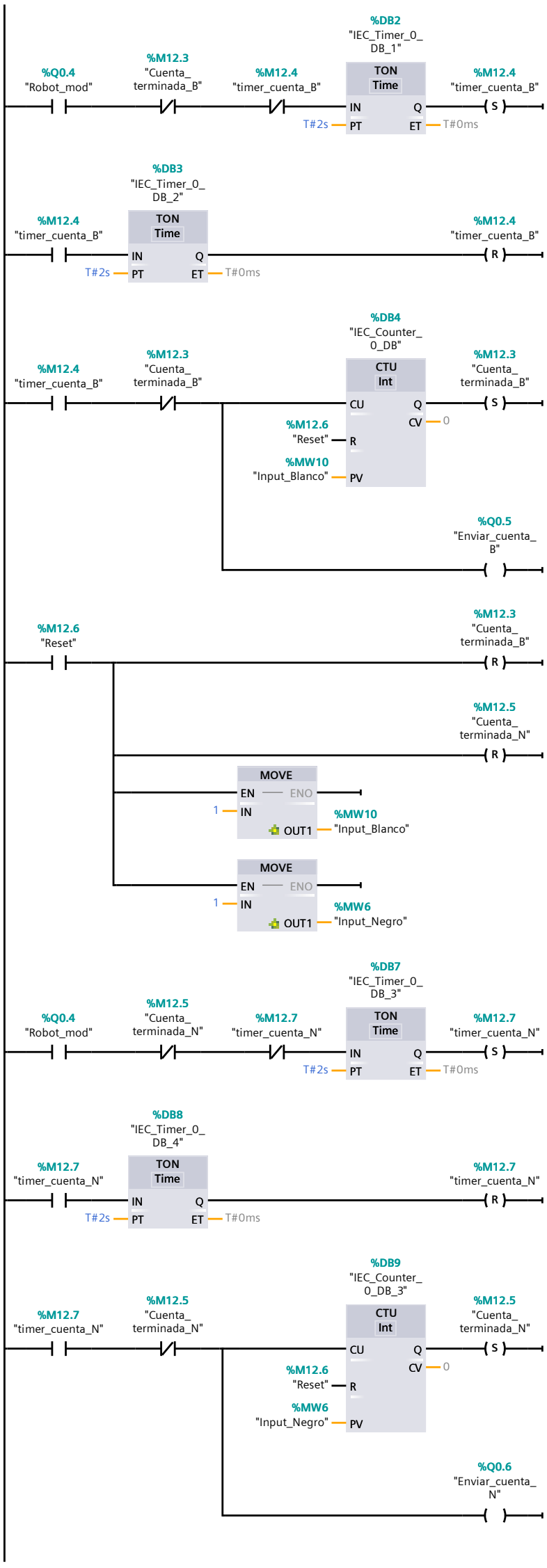
Network 1: Detección B o N



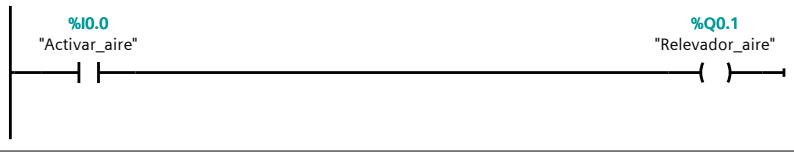
Network 2: Set robot state



Network 3: Enviar cuentas



Network 4: Control de aire



Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB [DB1]

IEC_Timer_0_DB Properties							
General							
Name	IEC_Timer_0_DB	**Number**	1	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_1 [DB2]

IEC_Timer_0_DB_1 Properties							
General							
Name	IEC_Timer_0_DB_1	**Number**	2	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_2 [DB3]

IEC_Timer_0_DB_2 Properties							
General							
Name	IEC_Timer_0_DB_2	**Number**	3	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Counter_0_DB [DB4]

IEC_Counter_0_DB Properties							
General							
Name	IEC_Counter_0_DB	**Number**	4	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	CNTR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
CU	Bool	false	True	True	True	True	False		
CD	Bool	false	True	True	True	True	False		
R	Bool	false	True	True	True	True	False		
LD	Bool	false	True	True	True	True	False		
QU	Bool	false	True	True	True	True	False		
QD	Bool	false	True	True	True	True	False		
PV	Int	0	True	True	True	True	False		
CV	Int	0	True	True	True	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Counter_0_DB_1 [DB5]

IEC_Counter_0_DB_1 Properties							
General							
Name	IEC_Counter_0_DB_1	**Number**	5	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	CNTR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
CU	Bool	false	True	True	True	True	False		
CD	Bool	false	True	True	True	True	False		
R	Bool	false	True	True	True	True	False		
LD	Bool	false	True	True	True	True	False		
QU	Bool	false	True	True	True	True	False		
QD	Bool	false	True	True	True	True	False		
PV	Int	0	True	True	True	True	False		
CV	Int	0	True	True	True	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Counter_0_DB_2 [DB6]

IEC_Counter_0_DB_2 Properties							
General							
Name	IEC_Counter_0_DB_2	**Number**	6	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	CNTR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
CU	Bool	false	True	True	True	True	False		
CD	Bool	false	True	True	True	True	False		
R	Bool	false	True	True	True	True	False		
LD	Bool	false	True	True	True	True	False		
QU	Bool	false	True	True	True	True	False		
QD	Bool	false	True	True	True	True	False		
PV	Int	0	True	True	True	True	False		
CV	Int	0	True	True	True	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_3 [DB7]

IEC_Timer_0_DB_3 Properties							
General							
Name	IEC_Timer_0_DB_3	**Number**	7	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_4 [DB8]

IEC_Timer_0_DB_4 Properties							
General							
Name	IEC_Timer_0_DB_4	**Number**	8	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	IEC_TMR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writ-able from HMI/ OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Static									
PT	Time	T#0ms	False	True	True	True	False		
ET	Time	T#0ms	False	True	False	True	False		
IN	Bool	false	False	True	True	True	False		
Q	Bool	false	False	True	False	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Program blocks / System blocks / Program resources

IEC_Counter_0_DB_3 [DB9]

IEC_Counter_0_DB_3 Properties							
General							
Name	IEC_Counter_0_DB_3	**Number**	9	**Type**	DB	**Language**	DB
Numbering	Automatic						
Information							
Title		**Author**	Simatic	**Comment**		**Family**	IEC
Version	1.0	**User-defined ID**	CNTR				

Name	Data type	Start value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Setpoint	Supervision	Comment
▼ Static									
CU	Bool	false	True	True	True	True	False		
CD	Bool	false	True	True	True	True	False		
R	Bool	false	True	True	True	True	False		
LD	Bool	false	True	True	True	True	False		
QU	Bool	false	True	True	True	True	False		
QD	Bool	false	True	True	True	True	False		
PV	Int	0	True	True	True	True	False		
CV	Int	0	True	True	True	True	False		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC]

Technology objects

This folder is empty.

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / PLC tags / Default tag table [57]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	Detector	Bool	%Q0.7	False	True	True	True		
	B_Inicio	Bool	%I0.6	False	True	True	True		
	Reset	Bool	%M12.6	False	True	True	True		
	Lectura_blancos	Int	%MW8	False	True	True	True		
	Lectura_negros	Int	%MW0	False	True	True	True		
	Input_Blanco	Int	%MW10	False	True	True	True		
	Input_Negro	Int	%MW6	False	True	True	True		
	Cuenta_Blanco	Int	%MW4	False	True	True	True		
	Cuenta_Negro	Int	%MW2	False	True	True	True		
	V_Reset	Bool	%M12.0	False	True	True	True		
	In_sensor	Bool	%I1.0	False	True	True	True		
	Enviar_cuenta_N	Bool	%Q0.6	False	True	True	True		
	Enviar_cuenta_B	Bool	%Q0.5	False	True	True	True		
	Robot_mod	Bool	%Q0.4	False	True	True	True		
	V_Pausa	Bool	%M12.1	False	True	True	True		
	V_Inicio	Bool	%M12.2	False	True	True	True		
	Robot_pos	Bool	%I0.1	False	True	True	True		
	Cuenta_terminada_B	Bool	%M12.3	False	True	True	True		
	timer_cuenta_B	Bool	%M12.4	False	True	True	True		
	Cuenta_terminada_N	Bool	%M12.5	False	True	True	True		
	Activar_aire	Bool	%I0.0	False	True	True	True		
	Relevador_aire	Bool	%Q0.1	False	True	True	True		
	B_Reset	Bool	%I0.5	False	True	True	True		
	timer_cuenta_N	Bool	%M12.7	False	True	True	True		
	Fin_programa	Bool	%I0.2	False	True	True	True		
	Detect_toogle	Int	%MW13	False	True	True	True		
	Detect_act_B	Bool	%M15.0	False	True	True	True		
	Detect_act_N	Bool	%M15.1	False	True	True	True		

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / PLC tags / Default tag table [57]

User constants

User constants				
	Name	Data type	Value	Comment

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / PLC data types

System data types

This folder is empty.

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Watch and force tables

Force table

Name	Address	Display format	Force value	Comment

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC]

Traces

Name

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Traces

Measurements

This folder is empty.

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Traces

Combined measurements

Name

Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC]

PLC alarm text lists

This folder is empty.

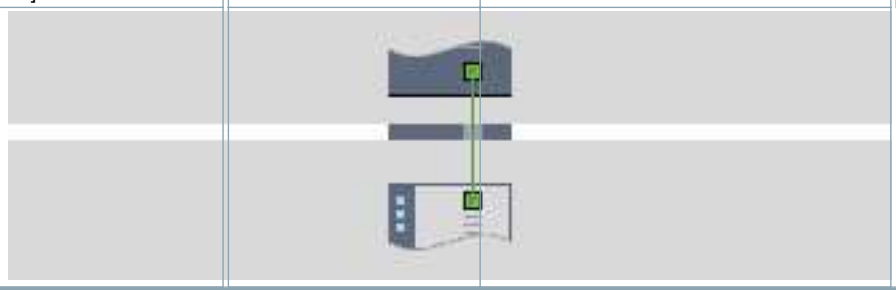
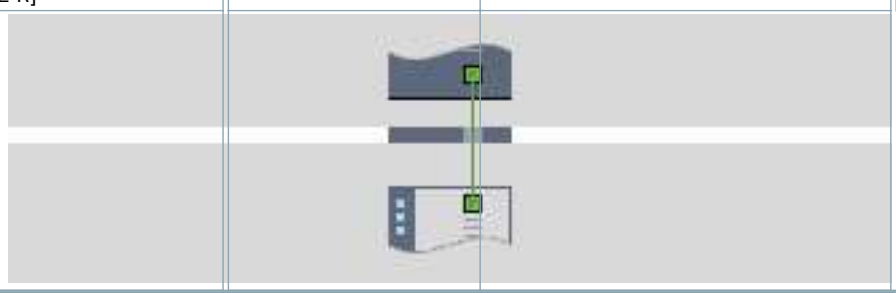
Robot_ur_lab / PLC_1 [CPU 1215C DC/DC/DC] / Local modules

PLC_1 [CPU 1215C DC/DC/DC]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	192072	**Comment**	
Slot	1	**Rack**	0		
General\Catalog information					
Short designation	CPU 1215C DC/DC/DC	**Description**	Work memory 125 KB; 24VDC power supply with DI14 x 24VDC SINK/ SOURCE, DQ10 x 24VDC and AI2 and AQ2 on board; 6 high-speed counters and 4 pulse outputs on board; signal board expands on-board I/O; up to 3 communication modules for serial communication; up to 8 signal modules for I/O expansion; 0.04 ms/1000 instructions; 2 PROFINET ports for programming, HMI and PLC-to-PLC communication	**Article number**	6ES7 215-1AG40-0XB0
Firmware version	V4.2				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2025-03-25 13:29:59.459
Additional information					
General\Checksums					
Text lists	FA 70 E8 75 1D 5A 8E 29	**Software**	00 54 2A 65 08 61 E2 EE		
PROFINET interface [X1]\General					
Name	PROFINET interface_1	**Author**	192072	**Comment**	
PROFINET interface [X1]\General\Project information					
Name	DI 14/DQ 10_1	**Comment**		**Name**	AI 2/AQ 2_1
Comment					
PROFINET interface [X1]\Ethernet addresses\Interface networked with					
Subnet:	PN/IE_1				
PROFINET interface [X1]\Ethernet addresses\IP protocol					
IP configuration	Set IP address in the project	**IP address:**	192.168.0.4	**Subnet mask:**	255.255.255.0
Use router	False				
PROFINET interface [X1]\Ethernet addresses\PROFINET					
PROFINET device name is set directly at the device	False	**Generate PROFINET device name automatically**	True	**PROFINET device name:**	plc_1
Converted name:	plcxb1d0ed	**Device number:**	0		
PROFINET interface [X1]\Time synchronization					
Enable time synchronization via NTP server	Enable time synchronization via NTP server		IP addresses	**Server 1**	0.0.0.0
Server 2	0.0.0.0	**Server 3**	0.0.0.0	**Server 4**	0.0.0.0
Update interval	10sec	**Empty**		**CPU synchronizes the modules of the device.**	No synchronization
PROFINET interface [X1]\Digital inputs\Channel0					
Channel address	I0.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel0					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49152	**Event name:**	0
Hardware interrupt:	0	**Rising edge0**	Rising edge0		
PROFINET interface [X1]\Digital inputs\Channel0					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	0
Hardware interrupt:	0	**Falling edge0**	Falling edge0		
PROFINET interface [X1]\Digital inputs\Channel1					
Channel address	I0.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel1					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49153	**Event name:**	0
Hardware interrupt:	0	**Rising edge1**	Rising edge1		
PROFINET interface [X1]\Digital inputs\Channel1					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	0
Hardware interrupt:	0	**Falling edge1**	Falling edge1		
PROFINET interface [X1]\Digital inputs\Channel2					
Channel address	I0.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel2					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49154	**Event name:**	0
Hardware interrupt:	0	**Rising edge2**	Rising edge2		
PROFINET interface [X1]\Digital inputs\Channel2					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	0
Hardware interrupt:	0	**Falling edge2**	Falling edge2		
PROFINET interface [X1]\Digital inputs\Channel3					
Channel address	I0.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel3					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49155	**Event name:**	0
Hardware interrupt:	0	**Rising edge3**	Rising edge3		

PROFINET interface [X1]\Digital inputs\Channel3					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	0
Hardware interrupt:	0	**Falling edge3**	Falling edge3		
PROFINET interface [X1]\Digital inputs\Channel4					
Channel address	I0.4	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel4					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49156	**Event name:**	0
Hardware interrupt:	0	**Rising edge4**	Rising edge4		
PROFINET interface [X1]\Digital inputs\Channel4					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	0
Hardware interrupt:	0	**Falling edge4**	Falling edge4		
PROFINET interface [X1]\Digital inputs\Channel5					
Channel address	I0.5	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel5					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49157	**Event name:**	0
Hardware interrupt:	0	**Rising edge5**	Rising edge5		
PROFINET interface [X1]\Digital inputs\Channel5					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	0
Hardware interrupt:	0	**Falling edge5**	Falling edge5		
PROFINET interface [X1]\Digital inputs\Channel6					
Channel address	I0.6	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel6					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49158	**Event name:**	0
Hardware interrupt:	0	**Rising edge6**	Rising edge6		
PROFINET interface [X1]\Digital inputs\Channel6					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	0
Hardware interrupt:	0	**Falling edge6**	Falling edge6		
PROFINET interface [X1]\Digital inputs\Channel7					
Channel address	I0.7	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel7					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49159	**Event name:**	0
Hardware interrupt:	0	**Rising edge7**	Rising edge7		
PROFINET interface [X1]\Digital inputs\Channel7					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	0
Hardware interrupt:	0	**Falling edge7**	Falling edge7		
PROFINET interface [X1]\Digital inputs\Channel8					
Channel address	I1.0	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel8					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49160	**Event name:**	0
Hardware interrupt:	0	**Rising edge8**	Rising edge8		
PROFINET interface [X1]\Digital inputs\Channel8					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	0
Hardware interrupt:	0	**Falling edge8**	Falling edge8		
PROFINET interface [X1]\Digital inputs\Channel9					
Channel address	I1.1	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel9					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49161	**Event name:**	0
Hardware interrupt:	0	**Rising edge9**	Rising edge9		
PROFINET interface [X1]\Digital inputs\Channel9					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	0
Hardware interrupt:	0	**Falling edge9**	Falling edge9		
PROFINET interface [X1]\Digital inputs\Channel10					
Channel address	I1.2	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel10					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49162	**Event name:**	0
Hardware interrupt:	0	**Rising edge10**	Rising edge10		
PROFINET interface [X1]\Digital inputs\Channel10					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	0
Hardware interrupt:	0	**Falling edge10**	Falling edge10		
PROFINET interface [X1]\Digital inputs\Channel11					
Channel address	I1.3	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel11					
Enable rising edge detection	0	**RidPrefixRisingEdgeEvent**	49163	**Event name:**	0
Hardware interrupt:	0	**Rising edge11**	Rising edge11		
PROFINET interface [X1]\Digital inputs\Channel11					
Enable falling edge detection	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	0
Hardware interrupt:	0	**Falling edge11**	Falling edge11		
PROFINET interface [X1]\Digital inputs\Channel12					
Channel address	I1.4	**Input filters**	6.4 millisec	**Enable pulse catch**	0
PROFINET interface [X1]\Digital inputs\Channel13					
Channel address	I1.5	**Input filters**	6.4 millisec	**Enable pulse catch**	0

PROFINET interface [X1]\Analog inputs\Noise reduction					
Integration time	50 Hz (20 ms)				
PROFINET interface [X1]\Analog inputs\Channel0					
Channel address	IW64	**Measurement type**	Voltage	**Voltage range**	0..10 V
Smoothing	Weak (4 cycles)	**Empty**		**Enable overflow diagnostics**	1
PROFINET interface [X1]\Analog inputs\Channel1					
Channel address	IW66	**Measurement type**	Voltage	**Voltage range**	0..10 V
Smoothing	Weak (4 cycles)	**Empty**		**Enable overflow diagnostics**	1
PROFINET interface [X1]\Digital outputs					
Reaction to CPU STOP	Use substitute value				
PROFINET interface [X1]\Digital outputs\Channel0					
Channel address	Q0.0	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel1					
Channel address	Q0.1	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel2					
Channel address	Q0.2	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel3					
Channel address	Q0.3	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel4					
Channel address	Q0.4	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel5					
Channel address	Q0.5	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel6					
Channel address	Q0.6	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel7					
Channel address	Q0.7	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel8					
Channel address	Q1.0	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Digital outputs\Channel9					
Channel address	Q1.1	**Substitute a value of 1 on a change from RUN to STOP.**	0		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Analog outputs					
Reaction to CPU STOP	Use substitute value				
PROFINET interface [X1]\Analog outputs\Channel0					
Channel address	QW64	**Analog output type**	Current	**Current range**	0..20 mA
Substitute value for channel on a change from RUN to STOP	0.000mA	**Empty**		**Enable overflow diagnostics**	1
Enable underflow diagnostics	1				
PROFINET interface [X1]\Analog outputs\Channel1					
Channel address	QW66	**Analog output type**	Current	**Current range**	0..20 mA
Substitute value for channel on a change from RUN to STOP	0.000mA	**Empty**		**Enable overflow diagnostics**	1
Enable underflow diagnostics	1				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Input addresses					
Start address	64	**End address**	67	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	0.0	**End address**	1.7	**Organization block**	0
Process image	0				
PROFINET interface [X1]\I/O addresses\Output addresses					
Start address	64	**End address**	67	**Organization block**	0
Process image	0				
PROFINET interface [X1]\Advanced options\Interface options					
Support device replacement without exchangeable medium	True	**Permit overwriting of device names of all assigned IO devices**	False	**Use IEC V2.2 LLDP mode**	False
Keep-Alive connection monitoring:	30s				

PROFINET interface [X1]\Advanced options\Real time settings\IO communication					
Send clock:	1.000ms				
PROFINET interface [X1]\Advanced options\Real time settings\Real time options					
Calculated bandwidth for cyclic IO data:	0.000ms	**Calculated bandwidth for cyclic IO data:**	0.000%		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\General					
Name	Port_1	**Author**	192072	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Advanced options\Port [X1 P2]\General					
Name	Port_2	**Author**	192072	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Partner port:**	Any partner		
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2]\Port options\Boundaries					
End of detection of accessible devices	False	**End of topology discovery**	False	**End of the sync domain**	False
PROFINET interface [X1]\Web server access					
Enable Web server using this interface	False	**The Web server must also be activated in the properties of the PLC.**			
High speed counters (HSC)\HSC1\General\Enable					
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
Enable this high speed counter	0	**Enable this high speed counter**	0	**Enable this high speed counter**	0
High speed counters (HSC)\HSC1\General\Project information					
Name	HSC_1	**Comment**		**Name**	HSC_2
Comment		**Name**	HSC_3	**Comment**	
Name	HSC_4	**Comment**		**Name**	HSC_5
Comment		**Name**	HSC_6	**Comment**	
High speed counters (HSC)\HSC1\I/O addresses\Input addresses					
Start address	1000.0	**End address**	1003.7	**Start address**	1004.0
End address	1007.7	**Organization block**	0	**Start address**	1008.0
End address	1011.7	**Organization block**	0	**Process image**	0
Start address	1012.0	**End address**	1015.7	**Organization block**	0
Process image	0	**Start address**	1016.0	**End address**	1019.7
Organization block	0	**Process image**	0	**Start address**	1020.0
End address	1023.7	**Organization block**	0	**Process image**	0
Organization block	0	**Process image**	0	**Process image**	0
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable					
Enable this pulse generator	0	**Enable this pulse generator**	0		
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information					
Name	Pulse_1	**Comment**		**Name**	Pulse_2
Comment					
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses					
Start address	1000.0	**End address**	1001.7	**Start address**	1002.0

End address	1003.7	**Organization block**	0	**Organization block**	0
Process image	0	**Process image**	0		
Startup					
Startup after POWER ON	Warm restart - mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
OBs should be interruptible	1				
Cycle					
Cycle monitoring time	150ms			**Enable minimum cycle time for cyclic OBs**	0
Minimum cycle time	1ms				
Communication load					
Cycle load due to communication	20%				
System and clock memory\System memory bits					
Enable the use of system memory byte	0	**Address of system memory byte (MBx)**	1	**First cycle**	
Diagnostic status changed		**Always 1 (high)**		**Always 0 (low)**	
System and clock memory\Clock memory bits					
Enable the use of clock memory byte	0	**Address of clock memory byte (MBx)**	0	**10 Hz clock**	
5 Hz clock		**2.5 Hz clock**		**2 Hz clock**	
1.25 Hz clock		**1 Hz clock**		**0.625 Hz clock**	
0.5 Hz clock					
Web server\General					
Activate Web server on all modules of this device	False	**Permit access only with HTTPS**	True		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

Web server\User interface languages

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

Web server\User management

User name	User rights
Everybody	

Web server\User-defined web pages

Application name	HTML source path	Default HTML page	Files with dynamic content	Web DB number	Fragment DB number
		index.htm	.htm;.html	333	334

Web server\Overview of interfaces

Device	Interface	Enabled web server access
PLC_1	PROFINET interface_1	False

User interface languages

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

Time of day\Local time

Time zone	(UTC +01:00) Berlin, Bern, Brussels, Rome, Stockholm, Vienna				
Time of day\Daylight saving time					
Activate daylight saving time	1	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Starting week of the month:	Last		Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
	Last		Sunday	**of**	October
at	02:00 a.m.				
Protection & Security					
Level of protection	No protection				
Protection & Security\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	False				
Protection & Security\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
Protection & Security\External load memory					
Disable copying from internal load memory to external load memory	False				

Configuration control\Configuration control for central configuration

Allow to reconfigure the device via the user program	0

Connection resources

	Station resources - Reserved - Maximum	Station resources - Reserved - Configured	Station resources - Dynamic - Configured	Module resources - PLC_1 [CPU 1215C DC/DC/DC] - Configured
Maximum number of resources:		62	6	68
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	12	1	0	1
S7 communication:	8	0	0	0
Open user communication:	8	0	0	0
Web communication:	30	-	-	-
Other communication:	-	-	0	0
Total resources used:		1	0	1
Available resources:		61	6	67

Overview of addresses\Overview of addresses\Overview of addresses

Inputs	True	**Outputs**	True	**Address gaps**	False
Slot	True				

Type	Addr. from	Addr. to	Module	PIP	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	1	DI 14/DQ 10_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 1
O	0	1	DI 14/DQ 10_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 1
I	64	67	AI 2/AQ 2_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 2
O	64	67	AI 2/AQ 2_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 2
I	1000	1003	HSC_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 16
I	1004	1007	HSC_2	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 17
I	1008	1011	HSC_3	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 18
I	1012	1015	HSC_4	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 19
I	1016	1019	HSC_5	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 20
I	1020	1023	HSC_6	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	4 Bytes	-	0	1 21
O	1000	1001	Pulse_1	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 32
O	1002	1003	Pulse_2	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 33
O	1004	1005	Pulse_3	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 34
O	1006	1007	Pulse_4	Automatic update	PLC_1 [CPU 1215C DC/DC/DC]	-	2 Bytes	-	0	1 35

Robot_ur_lab

HMI_1 [KTP400 Basic PN]

HMI_1	
General	
Name	HMI_1

Robot_ur_lab / HMI_1 [KTP400 Basic PN]

Runtime settings

General

Start screen	Color screen	**Default template**	Template_1	**Default style of the project**	Enabled
Style of the HMI device	WinCC Dark V 1.0.1	**Adapt font size to style**	Enabled	**Screen resolution**	480, 272
Project ID	0	**Logging language**	Startup language		

Services

Sm@rtAccess or service: start Sm@rtServer	Disabled

Screens

Bit selection for text and graphic lists	Off	**User-defined pictogram size**	Disabled	**X,Y:**	64, 45
Scrolling mode	Scroll bar				

Keyboard

Use screen keyboard	Enabled	**Release button on exit**	Disabled	**Disable dialog window function keys**	Disabled

Alarms

Controller alarms

Buffer overflow	10 %	**Acknowledgment group text**	QGR	**Use alarm class color**	Disabled
Use help texts for system diagnostics	Enabled	**System event duration**	2 Seconds	**PersistentAlarmBuffer**	Enabled
Connection	HMI_Connection_1				

User administration

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

Language & font

Preset runtime language	English (United States)

English (United States)

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

Tag settings

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

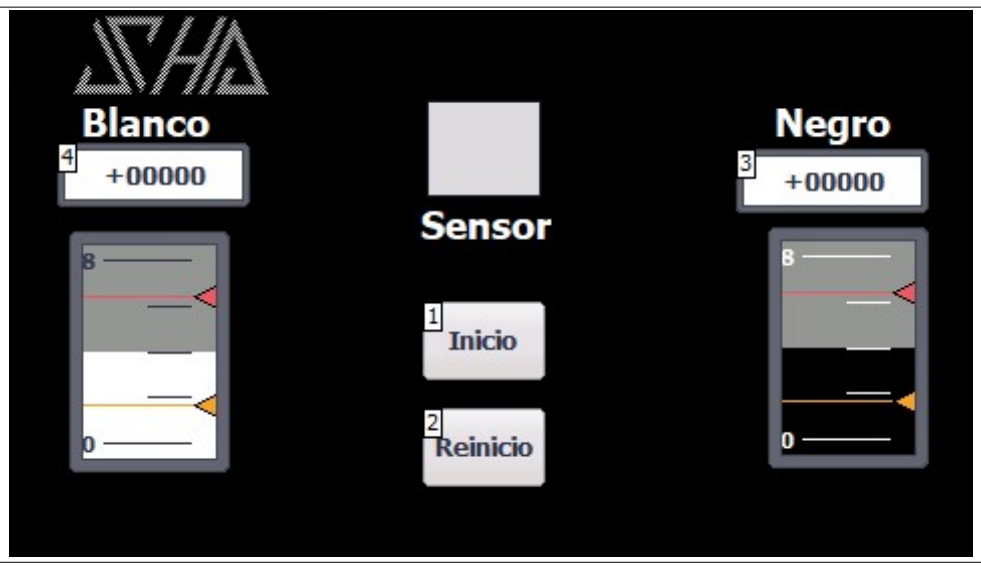
Settings for the prefix 'PLC' in the HMI tag name

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

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / Screens

Color screen

Hardcopy of Color screen



General					
Name	Color screen	**Background color**	0, 0, 0	**Grid color**	0, 0, 0
Number	8	**Template**	Template_1	**Tooltip**	
Layers					
Active layer	0				

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

Text field_1

Type	Text field				
General					
Text	Sensor				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	202	**Y position**	93	**Width**	70
Height	27	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 19px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			

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

Rectangle_1

Type	Rectangle				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Solid	**Border width**	1
Line style	Solid	**Border color**	24, 28, 49		
Layout					
X position	208	**Y position**	45	**Width**	57
Height	48	**Round corner width**	0	**Round corner height**	0
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Rectangle_1	**Layer**	0 - Layer_0		
Dynamizations\Appearance					
Tag - Cycle	Detector_HMI -	**Data type**	Range	**Range**	1..1
Foreground color	255, 0, 0	**Background color**	255, 255, 255	**Flashing**	No
Range	0..0	**Foreground color**	255, 0, 0	**Background color**	198, 195, 198
Flashing	No	**Range**	2..2	**Foreground color**	255, 0, 0
Background color	0, 0, 0	**Flashing**	No		

Back

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Inicio
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	206	**Y position**	145	**Width**	61
Height	39	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Press

Function list\SetTag

Tag	B_Inicio	**Value**	1

Dynamizations\Event	
Event name	Release

Function list\SetTag

Tag	B_Inicio	**Value**	0

Bar_1

Type	Bar

General					
Maximum value	8	**Minimum value**	0	**Process value**	0
Appearance					
Foreground color	255, 255, 255	**Segment coloring**	Entire bar	**Background color**	148, 150, 148
Background fill pattern	Solid	**Color of scale**	49, 52, 74	**Limit lines (layout)**	Enabled
Limit marking (layout)	Enabled				
Border type					
Border width	7	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Line style	Double line	**Corner radius (border)**	4		
Scales					
Show scale	Enabled	**Auto-scale**	Disabled	**Divisions**	5
Large mark labeling	2	**Scale gradation**	10		
Label					
Show scale marks	Enabled	**Show "+" for positive numbers**	Disabled	**Use exponential format**	Disabled
Double-lined scale label	Disabled	**Unit**		**Integer digits**	1
Decimal places	0				
Layout					
X position	30	**Y position**	110	**Width**	80
Height	120	**Scale position**	Left/up	**Bar orientation**	Top
Text format					
Font	Tahoma, 11px, style=Bold				
Limits/Ranges					
Color range high 2	239, 89, 99	**Color range low 2**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Bar_1	**Layer**	0 - Layer_0		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Cuenta_Blanco		

Bar_2

Type	Bar				
General					
Maximum value	8	**Minimum value**	0	**Process value**	0
Appearance					
Foreground color	0, 0, 0	**Segment coloring**	Entire bar	**Background color**	148, 150, 148
Background fill pattern	Solid	**Color of scale**	255, 255, 255	**Limit lines (layout)**	Enabled
Limit marking (layout)	Enabled				
Border type					
Border width	7	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Line style	Double line	**Corner radius (border)**	4		
Scales					
Show scale	Enabled	**Auto-scale**	Disabled	**Divisions**	5
Large mark labeling	2	**Scale gradation**	10		
Label					
Show scale marks	Enabled	**Show "+" for positive numbers**	Disabled	**Use exponential format**	Disabled
Double-lined scale label	Disabled	**Unit**		**Integer digits**	1
Decimal places	0				
Layout					
X position	378	**Y position**	108	**Width**	80
Height	120	**Scale position**	Left/up	**Bar orientation**	Top
Text format					
Font	Tahoma, 11px, style=Bold				
Limits/Ranges					
Color range high 2	239, 89, 99	**Color range low 2**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Bar_2	**Layer**	0 - Layer_0		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Cuenta_Negro		

Text field_2

Type	Text field				
General					
Text	Blanco				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		

Layout					
X position	33	**Y position**	42	**Width**	69
Height	27	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 19px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_2	**Layer**	0 - Layer_0		

Text field_4

Type	Text field				
General					
Text	Negro				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Transparent	**Corner radius (border)**	3
Foreground color	255, 255, 255	**Border width**	0	**Line style**	Double line
Border color	66, 73, 82	**Border background color**	99, 101, 115		
Layout					
X position	378	**Y position**	42	**Width**	63
Height	27	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Enabled
Text format					
Font	Tahoma, 19px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Left
Vertical alignment	Middle	**Line break**	Disabled		
Flashing					
Flashing	Disabled				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Text field_4	**Layer**	0 - Layer_0		

Back_3

Type	Button				
General					
Mode	Text	**Hotkey**	None	**Text OFF**	Reinicio
Text ON	Back	**Text list**		**Graphic OFF**	
Graphic ON		**Graphic list**		**Process value**	
Bit number	0				
Appearance					
Background color	239, 235, 239	**Background fill pattern**	Vertical gradient	**Corner radius (border)**	3
Foreground color	49, 52, 74	**Border width**	1	**Line style**	Solid
Border color	156, 154, 165	**Border background color**	107, 105, 107		
Fill pattern					
Background color gradient (fill pattern)	231, 227, 231	**Gradient 1 (fill pattern)**	Enabled	**Color gradient 1 (fill pattern)**	247, 247, 247
Offset gradient 1 (fill pattern)	15	**Gradient 2 (fill pattern)**	Enabled	**Color gradient 2 (fill pattern)**	222, 215, 214
Offset gradient 2 (fill pattern)	15				
Design					
Focus width	2	**Focus color**	148, 182, 231		
Layout					
X position	206	**Y position**	198	**Width**	61
Height	39	**Fit graphic to size**	Stretch graphic	**Horizontal alignment of the graphic**	Centered
Vertical alignment of the graphic	Middle	**Fit object to contents**	Disabled	**Margin left text (layout)**	0
Margin top text (layout)	0	**Margin right text (layout)**	0	**Margin bottom text (layout)**	0
Margin left graphic (layout)	0	**Margin top graphic (layout)**	0	**Margin right graphic (layout)**	0
Margin bottom graphic (layout)	0				
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment of the text**	Centered
Vertical alignment of the text	Middle				
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	Back_3	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		

Dynamizations\Event	
Event name	Release

Function list\SetTag

Tag	B_Reset	**Value**	0

Dynamizations\Event	
Event name	Press

Function list\SetTag

Tag	B_Reset	**Value**	1

I/O field_1

Type	I/O field				
General					
Process value		**Mode**	Input	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	s99999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	362	**Y position**	69	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Centered
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_1	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Input_Negro		

I/O field_2

Type	I/O field				
General					
Process value		**Mode**	Input	**Display format**	Decimal
Shift decimal point	0	**Field length**	5	**Show leading zeros**	Disabled
Format pattern	s99999				
Appearance					
Background color	255, 255, 255	**Background fill pattern**	Solid	**Corner radius**	3
Foreground color	49, 52, 74	**Unit**		**Border width**	4
Line style	Double line	**Border color**	66, 73, 82	**Border background color**	99, 101, 115
Characteristics					
Hidden input	Disabled				
Layout					
X position	24	**Y position**	66	**Width**	96
Height	32	**Left margin**	3	**Top margin**	2
Right margin	2	**Bottom margin**	2	**Fit object to contents**	Disabled
Text format					
Font	Tahoma, 13px, style=Bold	**Orientation**	Horizontal	**Horizontal alignment**	Centered
Vertical alignment	Middle	**Line break**	Disabled		
Limits					
Color for High limit violated	239, 89, 99	**Color for Low limit violated**	247, 162, 41		
Styles/Designs					
Use style/design	Disabled	**Style item appearance**			
Miscellaneous					
Name	I/O field_2	**Layer**	0 - Layer_0	**Tooltip**	
Security					
Authorization		**Allow operator control**	Enabled		
Dynamizations\Tag connection					
Property name	Process value	**Tag**	Input_Blanco		

Softkey_F1

Type	Function key

General					
Key code	220	**Global assignment**	Enabled	**Graphic**	
Authorization		**LED tag**		**Bit in the LED tag**	0

Softkey_F2

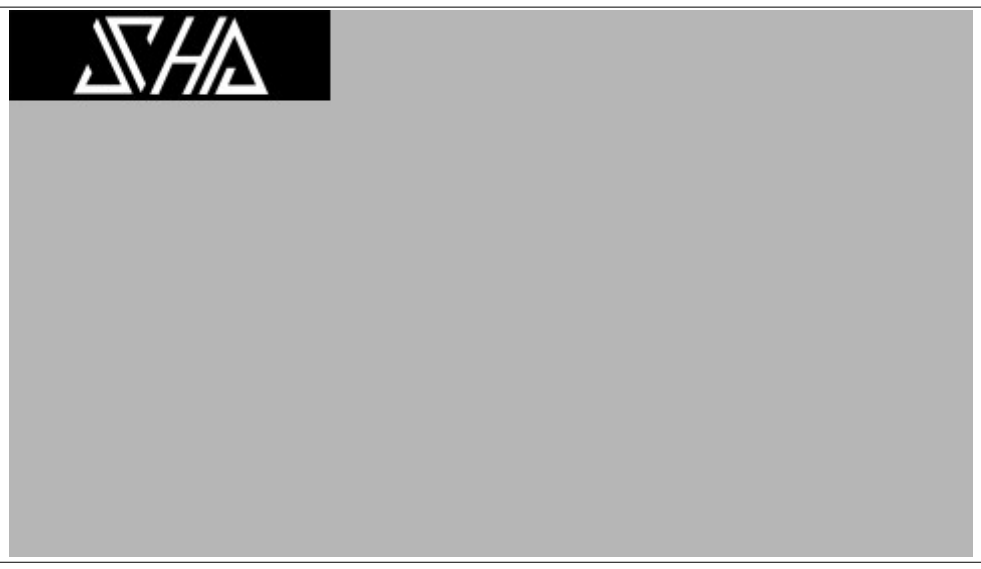
Type	Function key

General					
Key code	221	**Global assignment**	Enabled	**Graphic**	
Authorization		**LED tag**		**Bit in the LED tag**	0

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

Template_1

Hardcopy of Template_1



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

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

Logo

Type	Graphic view				
General					
Graphic	Logo of HMI_1				
Appearance					
Background color	222, 219, 222	**Background fill pattern**	Transparent	**Border width**	0
Line style	Solid	**Border color**	0, 0, 0		
Layout					
X position	0	**Y position**	0	**Width**	160
Height	45	**Fit embedded graphic object to screen size**	Fit graphic to object size	**Fit graphic to size**	Stretch graphic
Fit object to contents	Disabled				
Miscellaneous					
Name	Logo	**Layer**	0 - Layer_0		

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / Screen management

Global screen

Hardcopy of Global screen

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

Softkey_F1

Type	Function key

General					
Key code	220	**Global assignment**	Disabled	**Graphic**	
Authorization		**LED tag**		**Bit in the LED tag**	0

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI tags

Default tag table [9]

Tag_ScreenNumber

General					
Name	Tag_ScreenNumber	**Connection**	<Internal tag>	**Data type**	UInt
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**PLC tag**		**Coding**	Binary
PLC name					
Settings					
Acquisition cycle	1 s	**Acquisition mode**	Cyclic in operation		
Limits					
Upper 2		**Lower 2**			
Linear scaling					
Linear scaling	Disabled	**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	Disabled	**Index tag**			

Detector_HMI

General					
Name	Detector_HMI	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

Detect_toogle

B_Inicio

General					
Name	B_Inicio	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

V_Inicio

B_Pausa

General					
Name	B_Pausa	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

V_Pausa

Input_Blanco

General					
Name	Input_Blanco	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

Input_Blanco

Input_Negro

General					
Name	Input_Negro	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

Input_Negro

Cuenta_Blanco

General					
Name	Cuenta_Blanco	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

Cuenta_Blanco

Cuenta_Negro

General					
Name	Cuenta_Negro	**Connection**	HMI_Connection_1	**Data type**	Int
Array elements	0	**Length**	2	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

Cuenta_Negro

B_Reset

General					
Name	B_Reset	**Connection**	HMI_Connection_1	**Data type**	Bool
Array elements	0	**Length**	1	**Address**	
Access mode	<symbolic access>	**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	Disabled	**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	Disabled	**Index tag**			

V_Reset

Robot_ur_lab / HMI_1 [KTP400 Basic PN]

Connections

HMI_Connection_1

Name	HMI_Connection_1	**Communication driver**	SIMATIC S7 1200	**Comment**	
Online	Enabled	**Station**	S7-1200 station_1	**Partner**	PLC_1
Node	CPU 1215C DC/DC/DC, PROFINET interface (R0/S1)	**HMI time synchronization mode**	None		

Parameter

HMI device					
Interface	PROFINET (X1)	**Address**	192.168.0.41	**Access point**	S7ONLINE
PLC					
Address	192.168.0.4				

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI alarms

Discrete alarms

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI alarms

Analog alarms

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm groups

Alarm_group_1

General			
Name	Alarm_group_1	**ID**	1

Alarm_group_10

General			
Name	Alarm_group_10	**ID**	10

Alarm_group_11

General			
Name	Alarm_group_11	**ID**	11

Alarm_group_12

General			
Name	Alarm_group_12	**ID**	12

Alarm_group_13

General			
Name	Alarm_group_13	**ID**	13

Alarm_group_14

General			
Name	Alarm_group_14	**ID**	14

Alarm_group_15

General			
Name	Alarm_group_15	**ID**	15

Alarm_group_16

General			
Name	Alarm_group_16	**ID**	16

Alarm_group_2

General			
Name	Alarm_group_2	**ID**	2

Alarm_group_3

General			
Name	Alarm_group_3	**ID**	3

Alarm_group_4

General			
Name	Alarm_group_4	**ID**	4

Alarm_group_5

General			
Name	Alarm_group_5	**ID**	5

Alarm_group_6

General			
Name	Alarm_group_6	**ID**	6

Alarm_group_7

General			
Name	Alarm_group_7	**ID**	7

Alarm_group_8

General			
Name	Alarm_group_8	**ID**	8

Alarm_group_9

General			
Name	Alarm_group_9	**ID**	9

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI alarms

Alarm classes

Acknowledgement

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

Errors

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

No Acknowledgement

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

System

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

Warnings

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

Background "Incoming/Outgoing"	255, 255, 255

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / HMI alarms

System events

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN]

Recipes

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / Historical data

Datalogs

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / Historical data

AlarmLogs

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN]

Scheduled tasks

This folder is empty.

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

Text lists

TextList_OriginalScreenNames

Name	TextList_OriginalScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	System screens

Value: 3

Entry type	Single value	Text	SIMATIC PLC system diagnostics

Value: 4

Entry type	Single value	Text	Project information

Value: 5

Entry type	Single value	Text	User administration

Value: 6

Entry type	Single value	Text	System information

Value: 7

Entry type	Single value	Text	Different jobs

TextList_ScreenNames

Name	TextList_ScreenNames	List range	Value/Range	Comment	

Value: 1

Entry type	Single value	Text	Root screen

Value: 2

Entry type	Single value	Text	System screens

Value: 3

Entry type	Single value	Text	SIMATIC PLC system diagnostics

Value: 4

Entry type	Single value	Text	Project information

Value: 5

Entry type	Single value	Text	User administration

Value: 6

Entry type	Single value	Text	System information

Value: 7

Entry type	Single value	Text	Different jobs

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

Graphic lists

This folder is empty.

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / User administration

User

Administrator

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

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / User administration

Groups

Administrator group

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

Users

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

Robot_ur_lab / HMI_1 [KTP400 Basic PN] / User administration

Authorizations

Monitor

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

Operate

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

User administration

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

Robot_ur_lab

Ungrouped devices

This folder is empty.

Robot_ur_lab

Security settings

This folder is empty.

Robot_ur_lab / Common data

Alarm classes

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

Robot_ur_lab / Common data

Logs

This folder is empty.

Robot_ur_lab / Common data

Styles

This folder is empty.

Robot_ur_lab / Languages & resources

Project languages

Languages
Reference language
English (United States)

Editing language
English (United States)

Other project languages
Empty

Robot_ur_lab / Languages & resources / Project texts

Project texts

Project texts		
English (United States)	**Category**	**Reference**
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\ShortName
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\ShortName
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\Short-Name
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\ShortName
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\ShortName
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\\ShortName
	Alarm class text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\\ShortName
	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\alarmclass name not set_1\AlarmClassData_IDisplayNaming_DisplayName
	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\\AlarmClassData_IDis-playNaming_DisplayName
	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\\AlarmClassDa-ta_IDisplayNaming_DisplayName
!	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\alarmclass name not set\Alarm-ClassData_IDisplayNaming_DisplayName
!!	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\alarmclass name not set_4\AlarmClassData_IDisplayNaming_DisplayName
"Main Program Sweep (Cycle)"	Block comment	Robot_ur_lab\PLC_1 [CPU 1215C DC/DC/DC]\Program blocks\Main [OB1]\Block title
$	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\alarmclass name not set_2\Alarm-ClassData_IDisplayNaming_DisplayName
A	Alarm class text	Robot_ur_lab\Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
A	Alarm class text	Robot_ur_lab\Acknowledgement\ShortName
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\AcknowledgedText
A	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\AcknowledgedText
Activates remote authorization for the use of client-server scenarios.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Enable remote control\Comment
Administrator group	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\DisplayName
Authorization 'User administration' for manag-ing users in the user view in Runtime.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\User administration\Comment
Back	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Back\Text ON
Back	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Back_3\Text ON
Blanco	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Text field_2\Text
Control de aire	Block comment	Robot_ur_lab\PLC_1 [CPU 1215C DC/DC/DC]\Program blocks\Main [OB1]\Network 4\Title
Detección B o N	Block comment	Robot_ur_lab\PLC_1 [CPU 1215C DC/DC/DC]\Program blocks\Main [OB1]\Network 1\Title
Different jobs	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_7\Text
Different jobs	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames \Text_list_entry_7\Text
Enviar cuentas	Block comment	Robot_ur_lab\PLC_1 [CPU 1215C DC/DC/DC]\Program blocks\Main [OB1]\Network 3\Title
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingText
I	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingText
Inicio	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Back\Text OFF
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\ComingGoingText
IO	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\ComingGoingText
Monitor	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Monitor\ShortName
'Monitor' authorization.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Monitor\Comment
NA	Alarm class text	Robot_ur_lab\No Acknowledgement\AlarmClassData_IDisplayNaming_DisplayName
NA	Alarm class text	Robot_ur_lab\No Acknowledgement\ShortName
Negro	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Text field_4\Text
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Errors\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Warnings\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\System\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Safety warnings\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Acknowledgement\GoingText
O	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\No Acknowledgement\GoingText
Operate	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Operate\ShortName
'Operate' authorization.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Operate\Comment
Project information	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames \Text_list_entry_4\Text
Project information	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames \Text_list_entry_4\Text

English (United States)	Category	Reference
QGR	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Runtime settings\HmiAlarmSettingsData\AcknowledgementGroupText
Reinicio	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Back_3\Text OFF
Root screen	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_1\Text
Root screen	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_1\Text
S7	Alarm text	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\HMI alarms\Diagnosis events\alarmclass name not set_3\AlarmClassData_IDisplayNaming_DisplayName
Sensor	HMI screen	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Screens\Color screen\Text field_1\Text
Set robot state	Block comment	Robot_ur_lab\PLC_1 [CPU 1215C DC/DC/DC]\Program blocks\Main [OB1]\Network 2\Title
SIMATIC PLC system diagnostics	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_3\Text
SIMATIC PLC system diagnostics	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_3\Text
System information	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_6\Text
System information	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_6\Text
System screens	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_2\Text
System screens	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_2\Text
The 'Administrator' group is initially granted all rights.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Administrator group\Comment
The user 'Administrator' is assigned to the 'Administrator' group.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Administrator\Comment
The 'Users' group is initially granted 'Operating' rights.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Users\Comment
User administration	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\User administration\ShortName
User administration	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_ScreenNames\Text_list_entry_5\Text
User administration	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\Text and graphic lists\TextList_OriginalScreenNames\Text_list_entry_5\Text
Users	HMI runtime	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Users\DisplayName
Web access - view only. Authorization for the use of Web Navigator and for client-server systems.	HMI comment	Robot_ur_lab\HMI_1 [KTP400 Basic PN]\User administration\Web access - view only\Comment

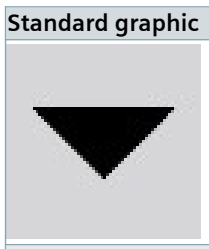
Robot_ur_lab / Languages & resources

Project graphics

AlarmDisplay_KTP400_Basic_PN_TR

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

Down_Arrow

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

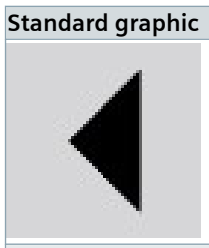
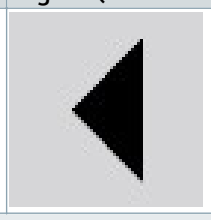
ExitRuntime_KTP400_Basic_PN_TR

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

Home

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

Left_Arrow

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

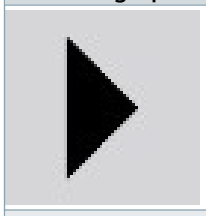
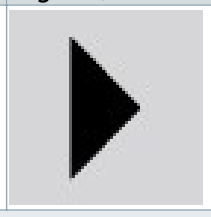
Logo of HMI_1

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

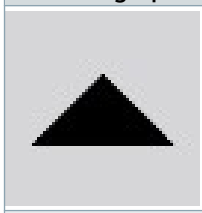
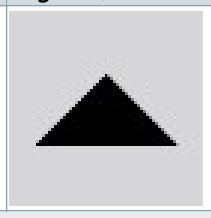
NavigateHome_KTP400_Basic_PN_TR

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

Right_Arrow

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

Up_Arrow

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