

Totally Integrated Automation Portal							
AP_SUAT							
Project							
Name:	AP_SUAT	Creation time:	11/19/2022 8:02:40 AM	Last change	11/19/2022 9:59:19 AM	Author:	home
Last modified by:	home	Version:					
Comment:							
Operating system							
Name				Description			
Operating system				Microsoft Windows 10 Pro			
Version of the operating system				6.3.9600.0			
Operating system service pack							
Version of the Internet Explorer				11.789.19041.0			
Computer name				DESKTOP-JEVFFQ7			
User name				DESKTOP-JEVFFQ7\Hieu			
Installation path of the TIA Portal				C:\Program Files\Siemens\Automation\Portal V15			
Components							
Name			Version	Release			
TIA Portal Multiuser Server V15 - TIA Portal Multiuser Server Single Setup-Package V15.0 (MUSERVERV15)			V15.0	V15.00.00.00_26.01.00.01			
SIMATIC S7-PLCSIM (S7_PLCSIM_V15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - SIMATIC S7-PLCSIM V15.0 (S7_PLCSIM_V15)			V15.0	V15.00.00.00_26.00.05.01			
TIA Administrator - AWB Licensing Module V1.0 + SP1 (TIAADMIN)			V1.0 + SP1	V01.00.01.00_01.22.00.03			
TIA Administrator - AWB Software Management V1.0 + SP1 (TIAADMIN)			V1.0 + SP1	V01.00.01.00_01.22.00.03			
TIA Administrator - TIA UMC Agent Configurator Module V1.0 + SP1 (TIAADMIN)			V1.0 + SP1	V01.00.01.00_01.22.00.03			
TIA Administrator - TIA Administrator V1.0 SP1 (TIAADMIN)			V1.0 + SP1	V01.00.01.00_01.22.00.03			
Totally Integrated Automation Portal V15 - TIA Portal Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - HM All Editions Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - HM NoBasic Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 0 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Multiuser Client Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - STEP 7 Single Setup-Package V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 02 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 03 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package 04 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-01 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Support Base Package TO-02 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - Hardware Support Base Package WCF-01 V15.0 (TIAP15)			V15.0	V15.00.00.00_01.01.00.02			
Siemens Totally Integrated Automation Portal V15 - TIACOMP CHECK Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - Openness SetupPack-age V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current All Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Current CAP Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - WinCC Transfer Mandatory Single SetupPackage V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
User Management Component - UserManagementComponentx64 01.9 + SP1 (UMC64)			V01.9 + SP1 + Upd3	V01.09.01.03_01.01.00.11			
Siemens Totally Integrated Automation Portal V15 - Simatic Single Setup-Package 32 Bit V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
Siemens Totally Integrated Automation Portal V15 - WinCC Single Setup-Package 32 Bit V15.0 (TIAP15)			V15.0	V15.00.00.00_26.01.00.01			
SIMATIC HMI License Manager Panel Plugin (x64)			15.0.0.0	V15.00.00.00_26.01.00.01			
SIMATIC NCM FWL 64			5.6.0.3	K5.6.0.3_1.1.0.2			
NCM GPRS 64			01.02.00.00	V1.2.0.0_2.1.0.1			
SIMATIC PLCSIM 64			15.01.00	15.01.00.00_17.00.02.01			
SIMATIC Device Drivers			9.2	09.02.04.00_01.04.00.05			
Automation Software Updater			02.03.0000	V02.03.00.00_01.01.00.48			
SIMATIC HMIProvider			7.0	K07.00.03.00_01.01.00.01			
SIEMENS OPC			3.9	03.09.06.00_01.13.00.01			
SIMATIC WinCC OPC Alarm & Events Server			3.9	03.09.06.00_01.13.00.01			
SIMATIC WinCC OPC Data Access Server			3.9	03.09.06.00_01.13.00.01			
SIMATIC WinCC OPC Historical Data Access Server			3.9	03.09.06.00_01.13.00.01			
SIMATIC WinCC OPC XML Client			3.9	03.09.06.00_01.13.00.01			
PCS7 Common Classes			8.2	08.02.00.00_01.13.00.01			
SIMATIC HMI ProSave			15.0.0.0	V15.00.00.00_26.01.00.01			

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Totally Integrated Automation Portal

AP_SUAT

PLC_1 [CPU 1214C DC/DC/DC]

PLC_1

General\Project information

Name	PLC_1	Author	home	Comment	
Slot	1	Rack	0		

General\Catalog information

Short designation	CPU 1214C DC/DC/DC	Description	Work memory 75 KB; 24VDC power supply with DI14 x 24VDC SINK/ SOURCE, DQ10 x 24VDC and AI2 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; PROFINET interface for programming, HMI and PLC-to-PLC communication	Article number	6ES7 214-1AG40-0XB0
Firmware version	V4.0				

General\Identification & Maintenance

Plant designation		Location identifier		Installation date	2022-11-19 08:03:05.235
Additional information					

Connection resources

PG communication:	1	OP communication:	1	S7 basic communication:	0
S7 communication:	0	Maximum number of S7 connection resources:	38		

PROFINET interface [X1]\General

Name	PROFINET interface_1	Author	home	Comment	
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PROFINET interface [X1]\General\Project information

Name	DI 14/DQ 10_1	Comment		Name	AI 2_1
Comment					

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

Subnet:	PN/IE_1				
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PROFINET interface [X1]\Ethernet addresses\IP protocol

IP configuration	Set IP address in the project	IP address:	192.168.0.1	Subnet mask:	255.255.255.0
Use router	False				

PROFINET interface [X1]\Ethernet addresses\PROFINET

PROFINET device name is set directly at the device	False	Generate PROFINET device name automatically	True	PROFINET device name:	plc_1
Converted name:	plcxb1d0ed	Device number:	0		

PROFINET interface [X1]\Time synchronization

Enable time synchronization via NTP server	Enable time synchronization via NTP server		IP addresses	Server 1	0.0.0.0
Server 2	0.0.0.0	Server 3	0.0.0.0	Server 4	0.0.0.0
Update interval	10sec				

PROFINET interface [X1]\Digital inputs\Channel0

Channel address	I0.0	Input filters	6.4 millisec	Enable pulse catch	0
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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
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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
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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
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PROFINET interface [X1]\Digital inputs\Channel3\

Enable rising edge detection	0	RidPrefixRisingEdgeEvent	49155	Event name:	0
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Totally Integrated Automation Portal							
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 millise	Enable pulse catch	0		
PROFINET interface [X1]\Digital inputs\Channel4\							
Enable rising edge detection	0	RidPrefixRisingEdgeEvent	49156	Event name:	0		
Hardware interrupt:	0	Rising edge4	Rising edge4				
PROFINET interface [X1]\Digital inputs\Channel4\							
Enable falling edge detection	0	RidPrefixFallingEdgeEvent	49284	Event name:	0		
Hardware interrupt:	0	Falling edge4	Falling edge4				
PROFINET interface [X1]\Digital inputs\Channel5							
Channel address	I0.5	Input filters	6.4 millise	Enable pulse catch	0		
PROFINET interface [X1]\Digital inputs\Channel5\							
Enable rising edge detection	0	RidPrefixRisingEdgeEvent	49157	Event name:	0		
Hardware interrupt:	0	Rising edge5	Rising edge5				
PROFINET interface [X1]\Digital inputs\Channel5\							
Enable falling edge detection	0	RidPrefixFallingEdgeEvent	49285	Event name:	0		
Hardware interrupt:	0	Falling edge5	Falling edge5				
PROFINET interface [X1]\Digital inputs\Channel6							
Channel address	I0.6	Input filters	6.4 millise	Enable pulse catch	0		
PROFINET interface [X1]\Digital inputs\Channel6\							
Enable rising edge detection	0	RidPrefixRisingEdgeEvent	49158	Event name:	0		
Hardware interrupt:	0	Rising edge6	Rising edge6				
PROFINET interface [X1]\Digital inputs\Channel6\							
Enable falling edge detection	0	RidPrefixFallingEdgeEvent	49286	Event name:	0		
Hardware interrupt:	0	Falling edge6	Falling edge6				
PROFINET interface [X1]\Digital inputs\Channel7							
Channel address	I0.7	Input filters	6.4 millise	Enable pulse catch	0		
PROFINET interface [X1]\Digital inputs\Channel7\							
Enable rising edge detection	0	RidPrefixRisingEdgeEvent	49159	Event name:	0		
Hardware interrupt:	0	Rising edge7	Rising edge7				
PROFINET interface [X1]\Digital inputs\Channel7\							
Enable falling edge detection	0	RidPrefixFallingEdgeEvent	49287	Event name:	0		
Hardware interrupt:	0	Falling edge7	Falling edge7				
PROFINET interface [X1]\Digital inputs\Channel8							
Channel address	I1.0	Input filters	6.4 millise	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 millise	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 millise	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 millise	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 millise	Enable pulse catch	0		

Totally Integrated Automation Portal						
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)			Enable overflow diagnostics	1	
PROFINET interface [X1]\Analog inputs\Channel1						
Channel address	IW66	Measurement type	Voltage	Voltage range	0..10 V	
Smoothing	Weak (4 cycles)			Enable overflow diagnostics	1	
PROFINET interface [X1]\Digital outputs						
Reaction to CPU STOP	Use substitute value					
PROFINET interface [X1]\Digital outputs\Channel0						
Channel address	Q0.0	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\Digital outputs\Channel1						
Channel address	Q0.1	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\Digital outputs\Channel2						
Channel address	Q0.2	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\Digital outputs\Channel3						
Channel address	Q0.3	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\Digital outputs\Channel4						
Channel address	Q0.4	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\Digital outputs\Channel5						
Channel address	Q0.5	Substitute a value of 1 on a change from RUN to STOP.	0			
PROFINET interface [X1]\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]\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]\Advanced options\Interface options						
Support device replacement without exchangeable medium	True	Use IEC V2.2 LLDP mode	True	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	home	Comment		
PROFINET interface [X1]\Advanced options\Port [X1 P1]\Port interconnection\Local port:						
Local port:	PLC_1\PROFINET interface_1 [X1]\Port_1 [X1 P1]	Medium:	Copper	Cable name:	---	
						

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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	
High speed counters (HSC)\HSC1\General\Enable						
Enable this high speed counter	0	Enable this high speed counter	0	Enable this high speed counter	0	
Enable this high speed counter	0	Enable this high speed counter	0	Enable this high speed counter	0	
High speed counters (HSC)\HSC1\General\Project information						
Name	HSC_1	Comment		Name	HSC_2	
Comment		Name	HSC_3	Comment		
Name	HSC_4	Comment		Name	HSC_5	
Comment		Name	HSC_6	Comment		
High speed counters (HSC)\HSC1\I/O addresses\Input addresses						
Start address	1000.0	End address	1003.7	Start address	1004.0	
End address	1007.7	Organization block	0	Start address	1008.0	
End address	1011.7	Organization block	0	Process image	0	
Start address	1012.0	End address	1015.7	Organization block	0	
Process image	0	Start address	1016.0	End address	1019.7	
Organization block	0	Process image	0	Start address	1020.0	
End address	1023.7	Organization block	0	Process image	0	
Organization block	0	Process image	0	Process image	0	
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Enable						
Enable this pulse generator	0	Enable this pulse generator	0			
Pulse generators (PTO/PWM)\PTO1/PWM1\General\Project information						
Name	Pulse_1	Comment		Name	Pulse_2	
Comment						
Pulse generators (PTO/PWM)\PTO1/PWM1\I/O addresses\Output addresses						
Start address	1000.0	End address	1001.7	Start address	1002.0	
End address	1003.7	Organization block	0	Organization block	0	
Process image	0	Process image	0			
Startup						
Startup after POWER ON	Warm restart - mode before POWER OFF	Comparison preset to actual configuration	Startup CPU even if mismatch	Configuration time	60000ms	
OBs should be interruptible	1					
Cycle						
Cycle monitoring time	150ms			Enable minimum cycle time for cyclic OBs	0	
Minimum cycle time	1ms					
Communication load						
Cycle load due to communication	20%					
System and clock memory\System memory bits						
Enable the use of system memory byte	1	Address of system memory byte (MBx)	1	First cycle	%M1.0 (FirstScan)	
Diagnostic status changed	%M1.1 (DiagStatusUpdate)	Always 1 (high)	%M1.2 (AlwaysTRUE)	Always 0 (low)	%M1.3 (AlwaysFALSE)	
System and clock memory\Clock memory bits						
Enable the use of clock memory byte	1	Address of clock memory byte (MBx)	0	10 Hz clock	%M0.0 (Clock_10Hz)	
5 Hz clock	%M0.1 (Clock_5Hz)	2.5 Hz clock	%M0.2 (Clock_2.5Hz)	2 Hz clock	%M0.3 (Clock_2Hz)	
1.25 Hz clock	%M0.4 (Clock_1.25Hz)	1 Hz clock	%M0.5 (Clock_1Hz)	0.625 Hz clock	%M0.6 (Clock_0.625Hz)	
0.5 Hz clock	%M0.7 (Clock_0.5Hz)					
Web server\General						
Activate web server on this module	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	

Totally Integrated Automation Portal

User interface languages

Assign project language

English (United States)

English (United States)

English (United States)

English (United States)

English (United States)

English (United States)

English (United States)

User interface languages

German

English

French

Spanish

Italian

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

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 1214C DC/DC/DC]	-	2 Bytes	-	0	1 1
O	0	1	DI 14/DQ 10_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	1 1
I	64	67	AI 2_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 2
I	1000	1003	HSC_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 16
I	1004	1007	HSC_2	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 17
I	1008	1011	HSC_3	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 18
I	1012	1015	HSC_4	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 19
I	1016	1019	HSC_5	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 20
I	1020	1023	HSC_6	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	1 21
O	1000	1001	Pulse_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	1 32
O	1002	1003	Pulse_2	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	1 33
O	1004	1005	Pulse_3	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	1 34
O	1006	1007	Pulse_4	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	1 35
O	96	99	AQ 2x14BIT_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	4 Bytes	-	0	2

AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Main [OB1]

Main Properties

General

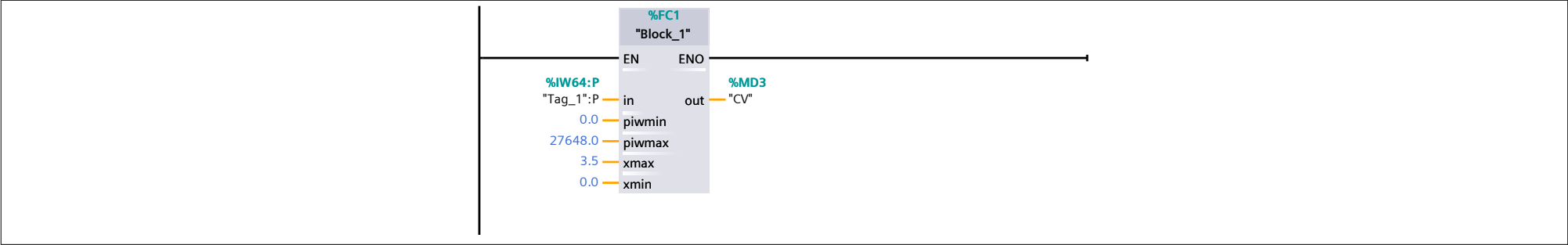
Name	Main	Number	1	Type	OB	Language	LAD
Numbering	Automatic						

Information

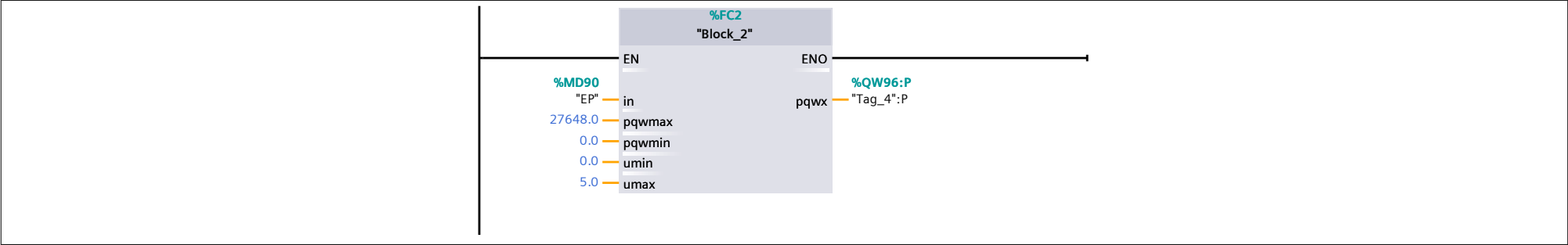
Title	"Main Program Sweep (Cycle)"	Author		Comment		Family	
Version	0.1	User-defined ID					

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			

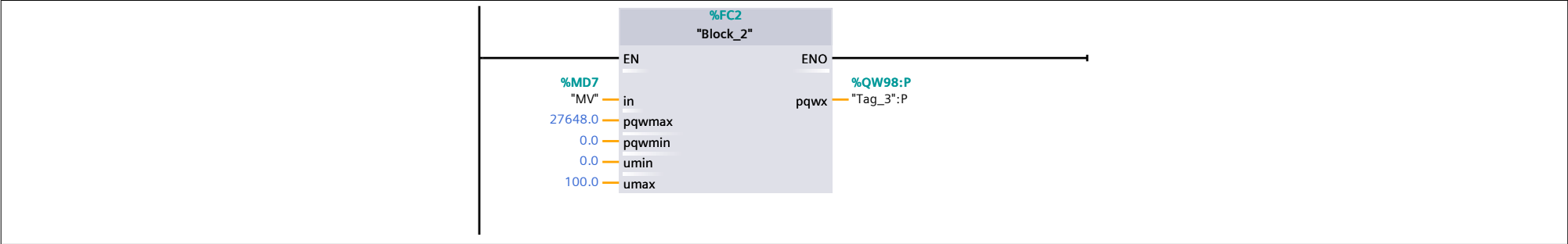
Network 1:



Network 2:

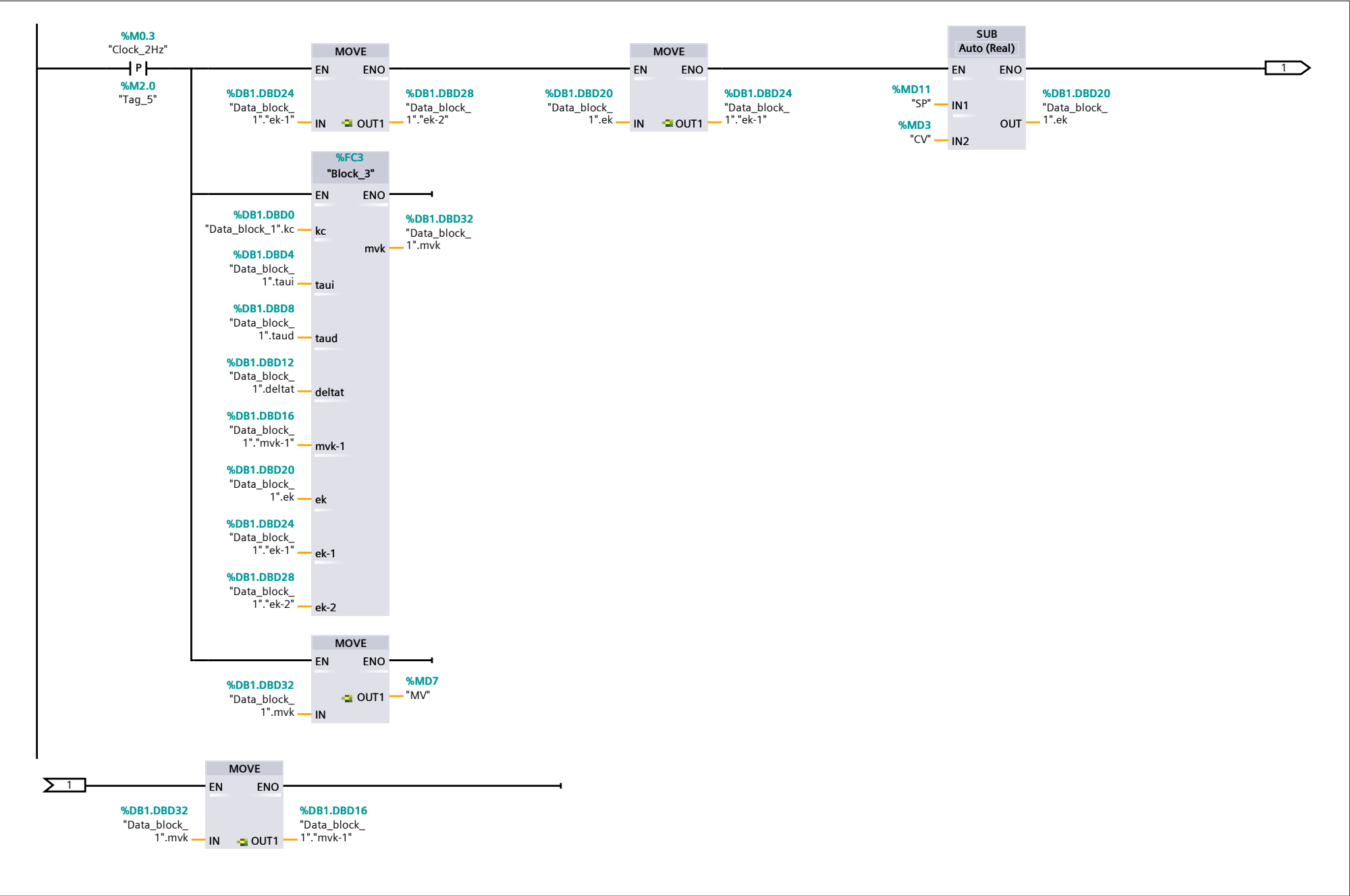


Network 3:



Network 4:

Network 4:



AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

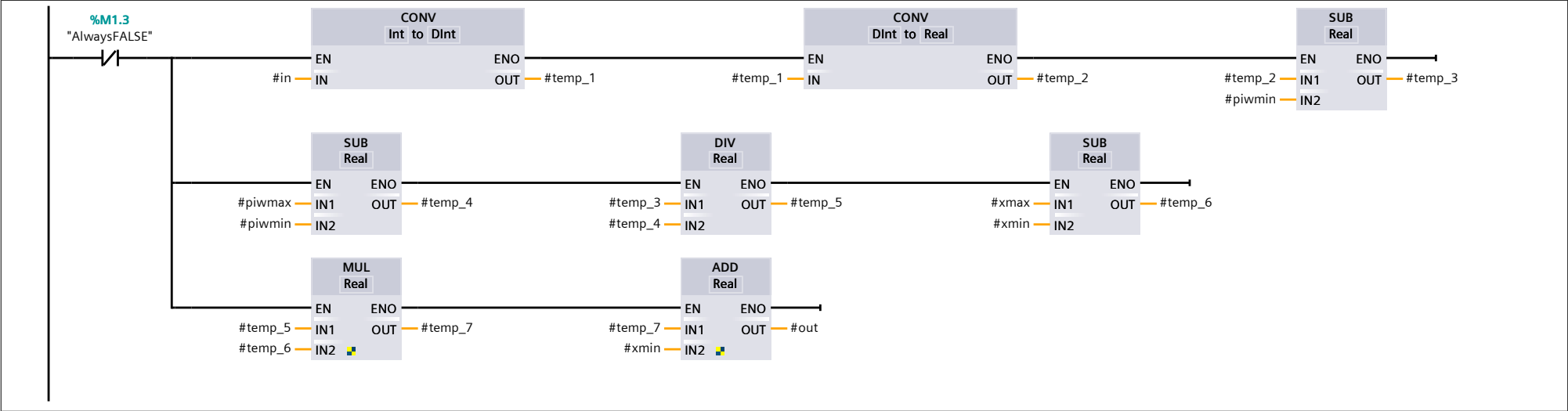
Block_1 [FC1]

Block_1 Properties

General							
Name	Block_1	Number	1	Type	FC	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
▼ Input			
in	Int		
piwmin	Real		
piwmax	Real		
xmax	Real		
xmin	Real		
▼ Output			
out	Real		
InOut			
▼ Temp			
temp_1	DInt		
temp_2	Real		
temp_3	Real		
temp_4	Real		
temp_5	Real		
temp_6	Real		
temp_7	Real		
Constant			
▼ Return			
Block_1	Void		

Network 1:



AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Block_2 [FC2]

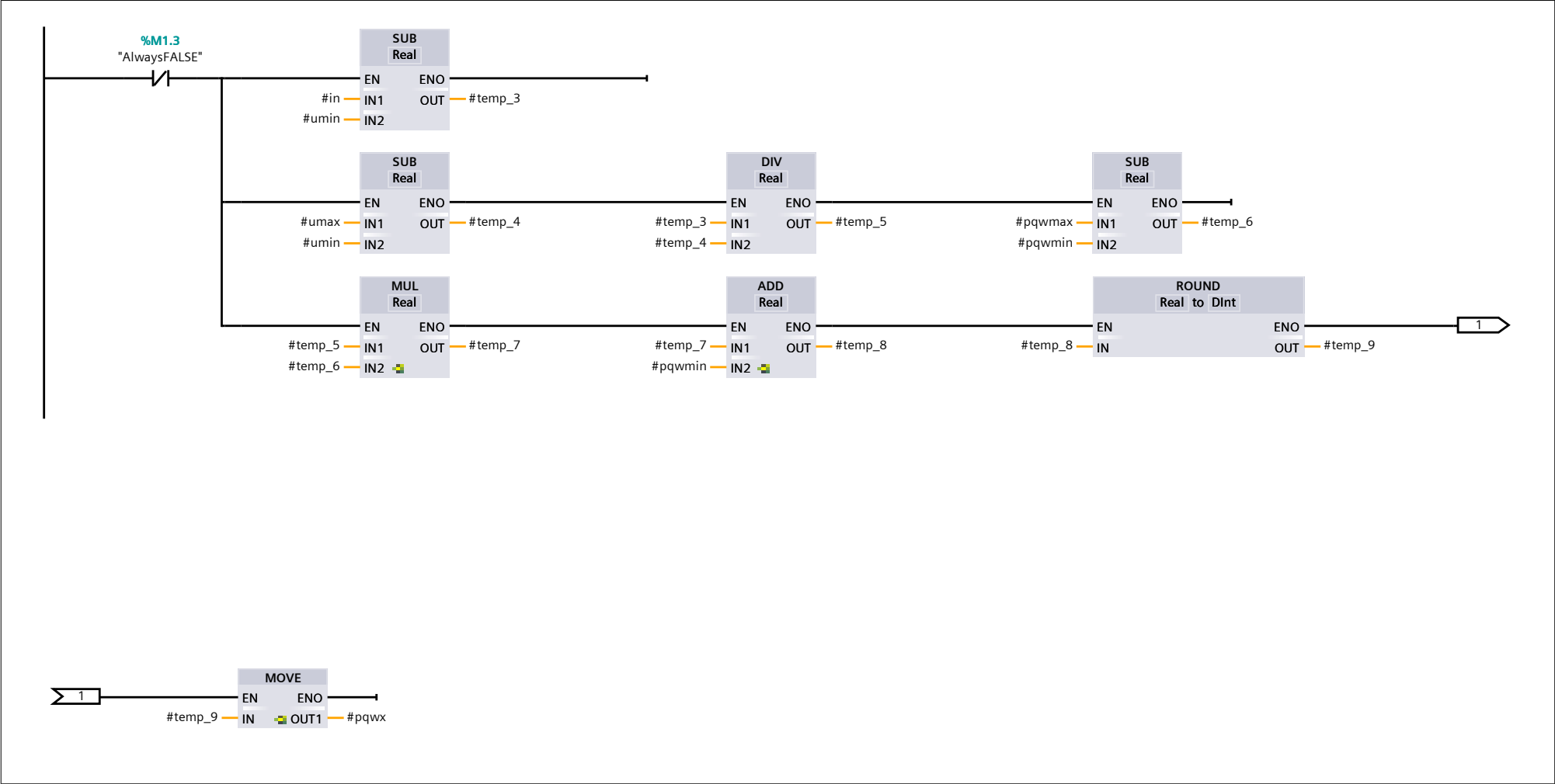
Block_2 Properties

General							
Name	Block_2	Number	2	Type	FC	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					

Name	Data type	Default value	Comment
▼ Input			
in	Real		
pqwmax	Real		
pqwmin	Real		
umin	Real		
umax	Real		
▼ Output			
pqwx	Int		
InOut			
▼ Temp			
temp_3	Real		
temp_4	Real		
temp_5	Real		
temp_6	Real		
temp_7	Real		
temp_8	Real		
temp_9	DInt		
Constant			
▼ Return			
Block_2	Void		

Network 1:

Network 1:



Totally Integrated Automation Portal

AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Data_block_1 [DB1]

Data_block_1 Properties

General

Name	Data_block_1	Number	1	Type	DB	Language	DB
Numbering	Automatic						

Information

Title		Author		Comment		Family	
Version	0.1	User-defined ID					

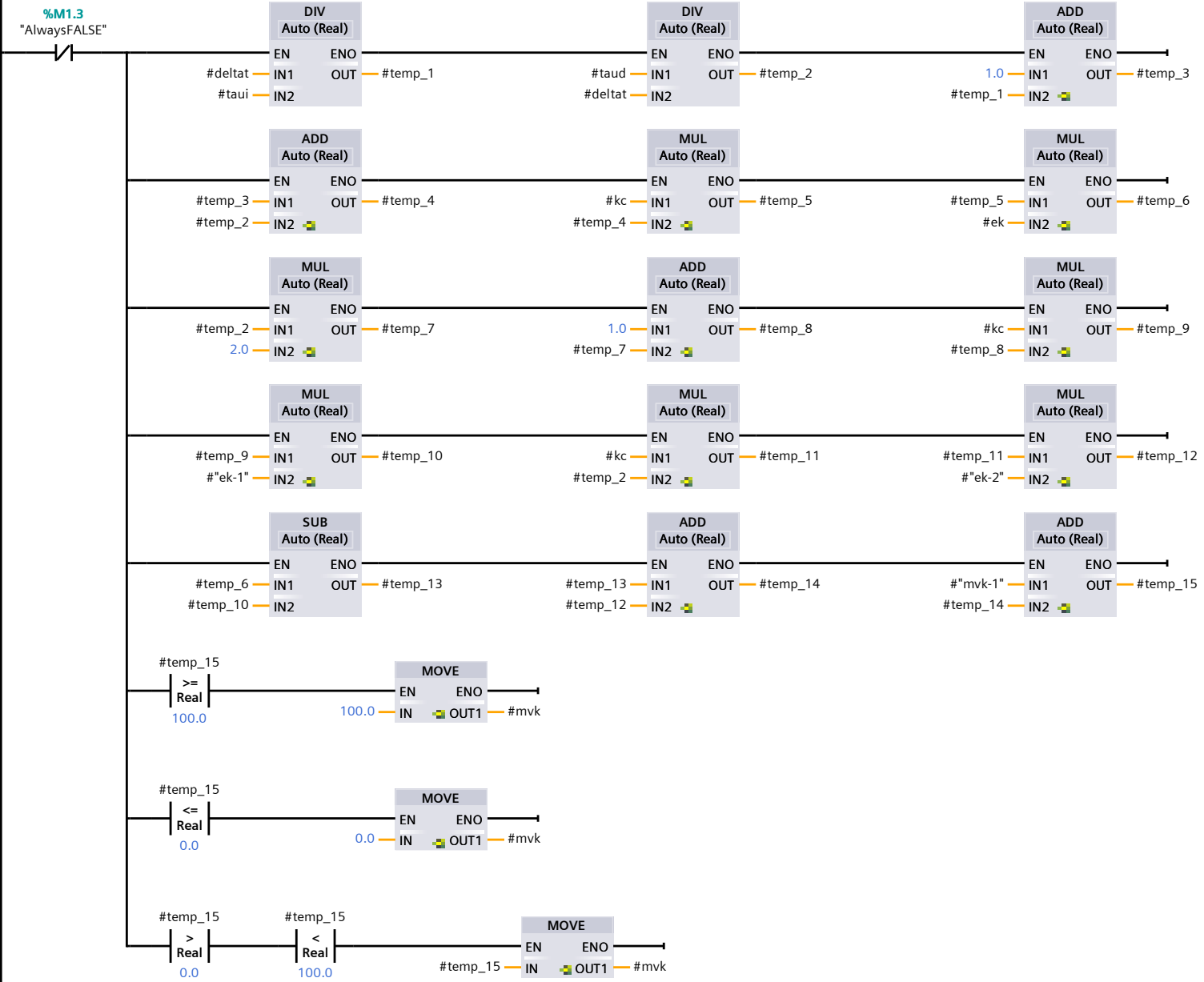
Name	Data type	Offset	Start value	Retain	Accessi-ble from HMI/OPC UA	Writ-able from HMI/OPC UA	Visible in HMI engi-neering	Setpoint	Supervi-sion	Comment
▼ Static										
kc	Real	0.0	0.0	False	True	True	True	False		
taui	Real	4.0	0.0	False	True	True	True	False		
taud	Real	8.0	0.0	False	True	True	True	False		
deltat	Real	12.0	0.0	False	True	True	True	False		
mvk-1	Real	16.0	0.0	False	True	True	True	False		
ek	Real	20.0	0.0	False	True	True	True	False		
ek-1	Real	24.0	0.0	False	True	True	True	False		
ek-2	Real	28.0	0.0	False	True	True	True	False		
mvk	Real	32.0	0.0	False	True	True	True	False		

AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Block_3 [FC3]

Block_3 Properties							
General							
Name	Block_3	Number	3	Type	FC	Language	LAD
Numbering	Automatic						
Information							
Title		Author		Comment		Family	
Version	0.1	User-defined ID					
Name		Data type	Default value		Comment		
▼ Input							
kc		Real					
taui		Real					
taud		Real					
deltat		Real					
mvk-1		Real					
ek		Real					
ek-1		Real					
ek-2		Real					
▼ Output							
mvk		Real					
InOut							
▼ Temp							
temp_1		Real					
temp_2		Real					
temp_3		Real					
temp_4		Real					
temp_5		Real					
temp_6		Real					
temp_7		Real					
temp_8		Real					
temp_9		Real					
temp_10		Real					
temp_11		Real					
temp_12		Real					
temp_13		Real					
temp_14		Real					
temp_15		Real					
Constant							
▼ Return							
Block_3		Void					























Network 1:



Totally Integrated Automation Portal		
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC]</div> <div>Technology objects</div> <div>This folder is empty.</div>		

AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / PLC tags / Default tag table [49]

PLC tags

PLC tags									
	Name	Data type	Address	Retain	Accessi-ble from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engi-neering	Supervision	Comment
	System_Byte	Byte	%MB1	False	True	True	True		
	FirstScan	Bool	%M1.0	False	True	True	True		
	DiagStatusUpdate	Bool	%M1.1	False	True	True	True		
	AlwaysTRUE	Bool	%M1.2	False	True	True	True		
	AlwaysFALSE	Bool	%M1.3	False	True	True	True		
	Clock_Byte	Byte	%MB0	False	True	True	True		
	Clock_10Hz	Bool	%M0.0	False	True	True	True		
	Clock_5Hz	Bool	%M0.1	False	True	True	True		
	Clock_2.5Hz	Bool	%M0.2	False	True	True	True		
	Clock_2Hz	Bool	%M0.3	False	True	True	True		
	Clock_1.25Hz	Bool	%M0.4	False	True	True	True		
	Clock_1Hz	Bool	%M0.5	False	True	True	True		
	Clock_0.625Hz	Bool	%M0.6	False	True	True	True		
	Clock_0.5Hz	Bool	%M0.7	False	True	True	True		
	Tag_1	Int	%IW64	False	True	True	True		
	CV	Real	%MD3	False	True	True	True		
	EP	Real	%MD90	False	True	True	True		
	Tag_4	Int	%QW96	False	True	True	True		
	MV	Real	%MD7	False	True	True	True		
	Tag_3	Int	%QW98	False	True	True	True		
	Tag_5	Bool	%M2.0	False	True	True	True		
	SP	Real	%MD11	False	True	True	True		

Totally Integrated Automation Portal		
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC]</div> <div>PLC data types</div> <div>This folder is empty.</div>		

Totally Integrated Automation Portal							
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Watch and force tables</div> <div>Force table</div> <table><thead><tr><th>Name</th><th>Address</th><th>Display format</th><th>Force value</th><th>Comment</th></tr></thead><tbody></tbody></table>			Name	Address	Display format	Force value	Comment
Name	Address	Display format	Force value	Comment			

AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Watch and force tables

Watch table_1

Name	Address	Display format	Modify value	Comment
"CV"	%MD3	Floating-point number		
"EP"	%MD90	Floating-point number	3.0	
"MV"	%MD7	Floating-point number		
"SP"	%MD11	Floating-point number	1.5	
"Data_block_1".kc	%DB1.DBD0	Floating-point number	100.0	
"Data_block_1".taui	%DB1.DBD4	Floating-point number	10.0	
"Data_block_1".taud	%DB1.DBD8	Floating-point number	0.5	
"Data_block_1".deltat	%DB1.DBD12	Floating-point number	0.5	

Totally Integrated Automation Portal			
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC]</div> <div>Traces</div> <table><tr><th>Name</th></tr></table>			Name
Name			

Totally Integrated Automation Portal		
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Traces</div> <div>Measurements</div> <div>This folder is empty.</div>		

Totally Integrated Automation Portal		
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Traces</div> <div>Combined measurements</div> <div><div>Name</div></div>		

Totally Integrated Automation Portal		
<div>AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC]</div> <div>PLC alarm text lists</div> <div>This folder is empty.</div>		

Totally Integrated Automation Portal		
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AP_SUAT / PLC_1 [CPU 1214C DC/DC/DC] / Local modules

AQ 2x14BIT_1

AQ 2x14BIT_1

General\Project information

Name	AQ 2x14BIT_1	Author	home	Comment	
Slot	2				

General\Catalog information

Short designation	SM 1232 AQ2	Description	Analog output module AQ2 x 14 bits; plug-in terminal blocks; output: +/-10V and 0 to 20 mA; configurable diagnostics; configurable substitute value for output		Article number	6ES7 232-4HB32-0XB0
Firmware version	V2.0					

AQ 2\Project information

Name	AQ 2x14BIT_1	Comment		
------	--------------	---------	--	--

AQ 2\Module diagnostics

Enable power supply diagnostics	1	Additional diagnostics may be selected for each input/output.		
---------------------------------	---	---	--	--

AQ 2\Analog outputs

Reaction to CPU STOP

Use substitute value

AQ 2\Analog outputs\Channel0

Channel address	QW96	Analog output type	Current	Current range	4 to 20 mA
Substitute value for channel on a change from RUN to STOP	4.000mA			Enable broken wire diagnostics	1
Enable overflow diagnostics	1	Enable underflow diagnostics	1		

AQ 2\Analog outputs\Channel1

Channel address	QW98	Analog output type	Voltage	Voltage range	+/- 10 V
Substitute value for channel on a change from RUN to STOP	0.000V			Enable short circuit diagnostics	1
Enable overflow diagnostics	1	Enable underflow diagnostics	1		

AQ 2\I/O addresses\Output addresses

Start address	96	End address	99	Organization block	0
Process image	0				

Totally Integrated Automation Portal		
<div>AP_SUAT</div> <div>Ungrouped devices</div> <div>This folder is empty.</div>		

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

AP_SUAT / Common data

Alarm classes

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

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

Totally Integrated Automation Portal		
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AP_SUAT / Languages & resources

Project languages

Languages

Reference language

English (United States)

Editing language

English (United States)

Other project languages

Empty

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Totally Integrated Automation Portal																							
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