

Handling device UAE ver 11_13_22

Table of contents

PLC_1 [CPU 1214C DC/DC/DC]	3 - 1
Program blocks	
HANDLING DEVICE [OB1]	4 - 1
Auto Control [FB1]	5 - 1
Auto Control_DB [DB1]	6 - 1
Manual Control [FB2]	7 - 1
Manual Control_DB [DB2]	8 - 1
Initial [FB3]	9 - 1
Initial_DB [DB4]	10 - 1
Output control [FB4]	11 - 1
Output control_DB [DB5]	12 - 1
safety active [FB5]	13 - 1
safety active_DB [DB9]	14 - 1
System blocks	
Program resources	
DELAY 1 [DB3]	15 - 1
DELAY 2 [DB6]	16 - 1
DELAY 3 [DB7]	17 - 1
DELAY 4 [DB8]	18 - 1
Technology objects	19 - 1
PLC tags	
Default tag table [66]	
PLC tags	20 - 1
User constants	21 - 1
PLC data types	22 - 1
Watch and force tables	
Force table	23 - 1
Traces	24 - 1
Measurements	25 - 1
Combined measurements	26 - 1
PLC alarm text lists	27 - 1
Local modules	
DI 16/DQ 16x24VDC_1	28 - 1

Totally Integrated Automation Portal			
--------------------------------------	--	--	--

PLC_1 [CPU 1214C DC/DC/DC]


PLC_1			
General\Project information			
Name	PLC_1	Author	ACER
Comment		Slot	1
Rack	0		
General\Catalog information			
Short designation	CPU 1214C DC/DC/DC	Description	Work memory 100 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	V4.2
General\Identification & Maintenance			
Plant designation		Location identifier	
Installation date	2022-04-14 10:28:28.965	Additional information	
General\Checksums			
Text lists	FA 70 E8 75 1D 5A 8E 29	Software	Not available (compile necessary)
PROFINET interface [X1]\General			
Name	PROFINET interface_1	Author	ACER
Comment			
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:	Not connected		
PROFINET interface [X1]\Ethernet addresses\IP protocol			
IP configuration	Set IP address in the project	IP address:	192.168.1.5
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		
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		

Totally Integrated Automation Portal		
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	

Totally Integrated Automation Portal			
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

Totally Integrated Automation Portal					
Enable pulse catch	0				
PROFINET interface [X1]\Digital inputs\Channel9\					
Enable rising edge de- tection	0		RidPrefixRisingEdgeE- vent	49161	
Event name:	0		Hardware interrupt:	0	
Rising edge9	Rising edge9				
PROFINET interface [X1]\Digital inputs\Channel9\					
Enable falling edge detection	0		RidPrefixFallingEdg- eEvent	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 de- tection	0		RidPrefixRisingEdgeE- vent	49162	
Event name:	0		Hardware interrupt:	0	
Rising edge10	Rising edge10				
PROFINET interface [X1]\Digital inputs\Channel10\					
Enable falling edge detection	0		RidPrefixFallingEdg- eEvent	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 de- tection	0		RidPrefixRisingEdgeE- vent	49163	
Event name:	0		Hardware interrupt:	0	
Rising edge11	Rising edge11				
PROFINET interface [X1]\Digital inputs\Channel11\					
Enable falling edge detection	0		RidPrefixFallingEdg- eEvent	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				
PROFINET interface [X1]\Digital inputs\Channel13					
Channel address	I1.5		Input filters	6.4 millise	
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 diag- nostics	1	
PROFINET interface [X1]\Analog inputs\Channel1					
Channel address	IW66		Measurement type	Voltage	
Voltage range	0..10 V		Smoothing	Weak (4 cycles)	
			Enable overflow diag- nostics	1	
PROFINET interface [X1]\Digital outputs					
Reaction to CPU STOP	Use substitute value				

Totally Integrated Automation Portal			
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	Permit overwriting of device names of all assigned IO devices	False
Limit data infeed into the network	True	Use IEC V2.2 LLDP mode	False
Keep-Alive connection monitoring	30s		

Totally Integrated Automation Portal			
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	ACER
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 P1]\Hardware identifier\Hardware identifier			
LADDR	65		
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.	
PROFINET interface [X1]\Hardware identifier\Hardware identifier			
Hardware identifier	264	Hardware identifier	64
High speed counters (HSC)\HSC1\General\Enable			
Enable this high speed counter	0	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	

Totally Integrated Automation Portal			
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
High speed counters (HSC)\HSC1\Hardware identifier\Hardware identifier			
Hardware identifier	257	Hardware identifier	258
Hardware identifier	259	Hardware identifier	260
Hardware identifier	261	Hardware identifier	262
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
Pulse generators (PTO/PWM)\PTO1/PWM1\Hardware identifier\Hardware identifier			
Hardware identifier	265	Hardware identifier	266
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

Totally Integrated Automation Portal					
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				

Totally Integrated Automation Portal					
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 1214C DC/DC/DC] - Configured	
Maximum number of resources:		62	6	68	
	Maximum	Configured	Configured	Configured	
PG communication:	4	-	-	-	
HMI communication:	12	0	0	0	
S7 communication:	8	0	0	0	
Open user communication:	8	0	0	0	
Web communication:	30	-	-	-	
Other communication:	-	-	0	0	
Total resources used:		0	0	0	
Available resources:		62	6	68	
Overview of addresses\Overview of addresses\Overview of addresses					
Inputs	True		Outputs	True	
Address gaps	False		Slot	True	

Totally Integrated Automation Portal										
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
I	2	3	DI 16/DQ 16x24VDC_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	2
O	2	3	DI 16/DQ 16x24VDC_1	Automatic update	PLC_1 [CPU 1214C DC/DC/DC]	-	2 Bytes	-	0	2

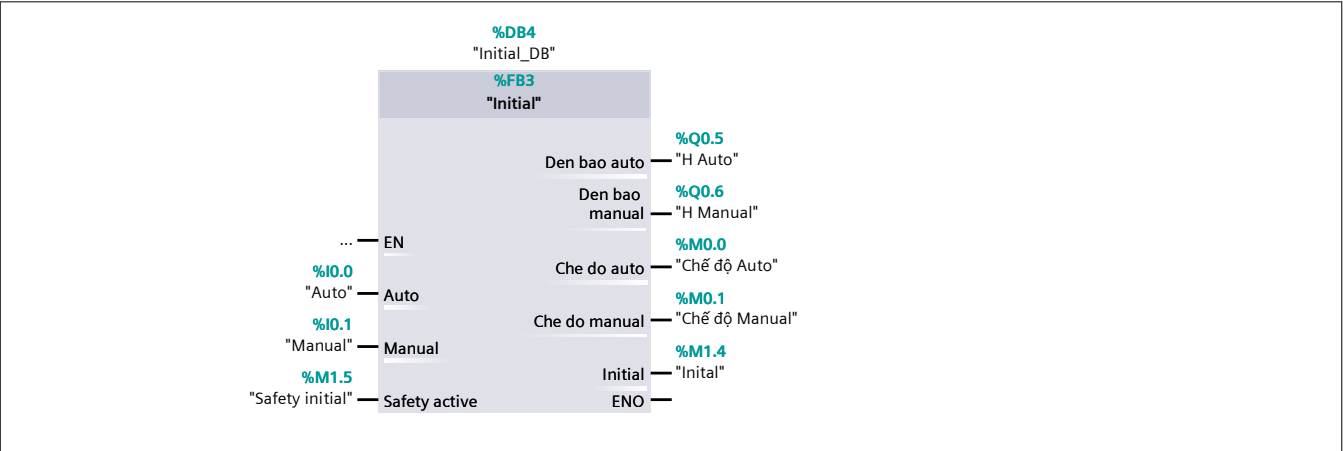
PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

HANDLING DEVICE [OB1]

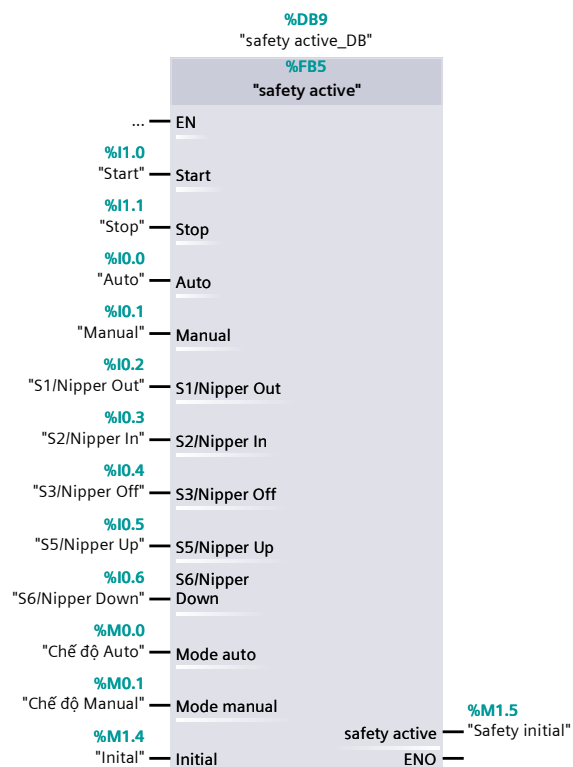
HANDLING DEVICE Properties					
General					
Name	HANDLING DEVICE	Number	1	Type	OB
Language	FBD	Numbering	Automatic		
Information					
Title	"Main Program Sweep (Cycle)"	Author		Comment	
Family		Version	0.1	User-defined ID	

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

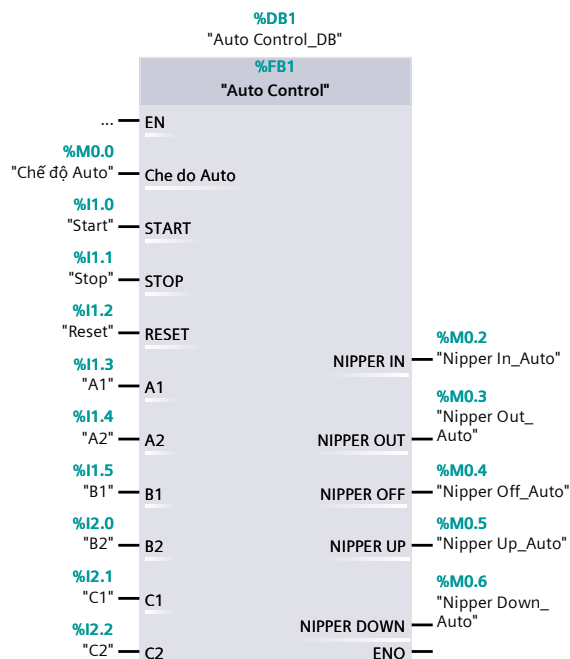
Network 1: Initial step



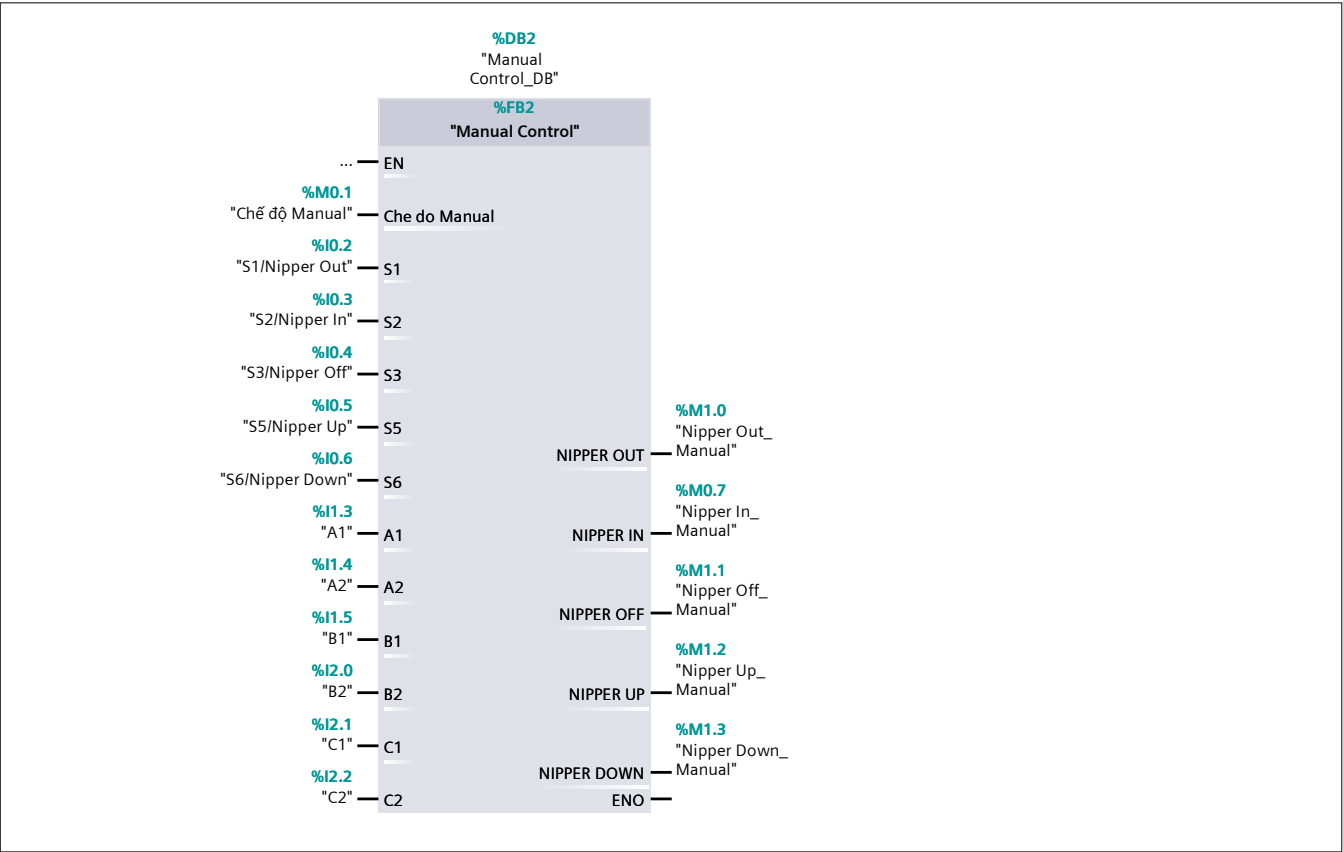
Network 2: Safety active



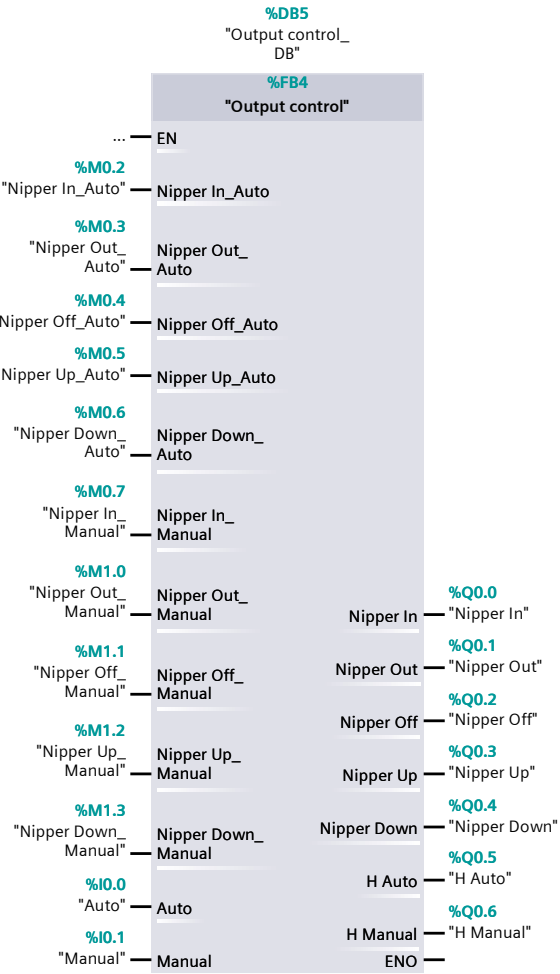
Network 3: Auto control



Network 4: AUTO CONTROL



Network 5:



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

Auto Control [FB1]

Auto Control Properties

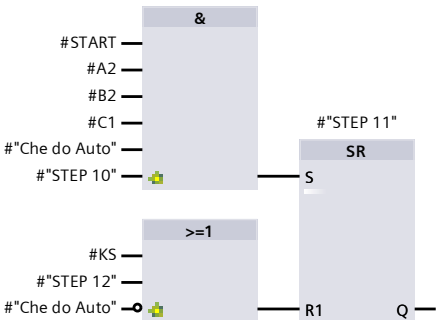
General

Name	Auto Control	Number	1	Type	FB
Language	FBD	Numbering	Automatic		

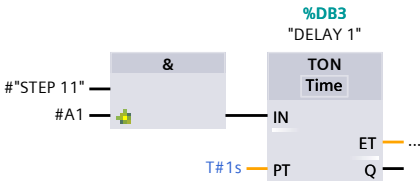
Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA	Wri- ta- ble from HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Che do Auto	Bool	false	Non-retain	True	True	True	False		
START	Bool	false	Non-retain	True	True	True	False		
STOP	Bool	false	Non-retain	True	True	True	False		
RESET	Bool	false	Non-retain	True	True	True	False		
A1	Bool	false	Non-retain	True	True	True	False		
A2	Bool	false	Non-retain	True	True	True	False		
B1	Bool	false	Non-retain	True	True	True	False		
B2	Bool	false	Non-retain	True	True	True	False		
C1	Bool	false	Non-retain	True	True	True	False		
C2	Bool	false	Non-retain	True	True	True	False		
▼ Output									
NIPPER IN	Bool	false	Non-retain	True	True	True	False		
NIPPER OUT	Bool	false	Non-retain	True	True	True	False		
NIPPER OFF	Bool	false	Non-retain	True	True	True	False		
NIPPER UP	Bool	false	Non-retain	True	True	True	False		
NIPPER DOWN	Bool	false	Non-retain	True	True	True	False		
InOut									
▼ Static									
STEP 10	Bool	false	Non-retain	True	True	True	False		

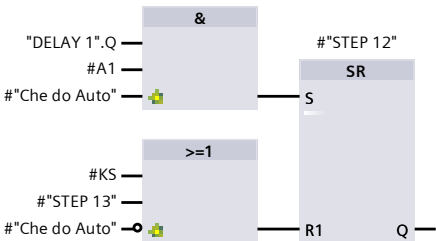


Network 3: DELAY 1

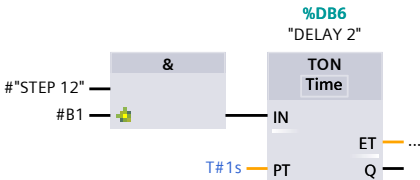


Network 4: CYLINDER Z2 CLOSE

NIPPER OFF

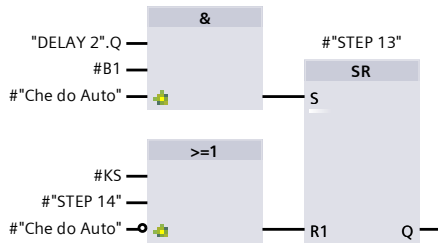


Network 5: DELAY 2



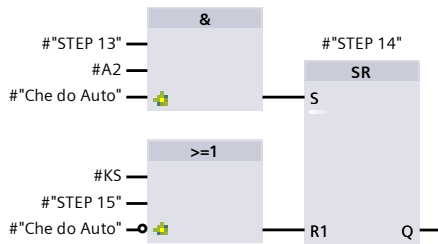
Network 6: CYLINDER Z1 OUT

NIPPER IN



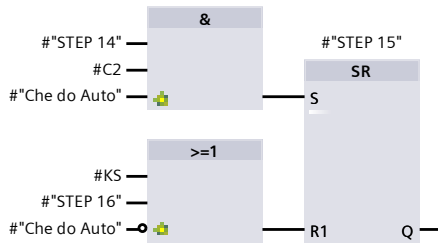
Network 7: DEVICE GO UP

MOTO UP

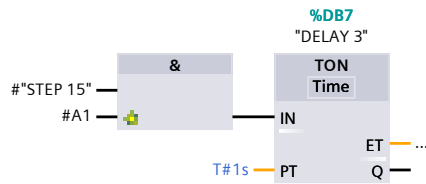


Network 8: CYLINDER Z1 IN

NIPPER OUT

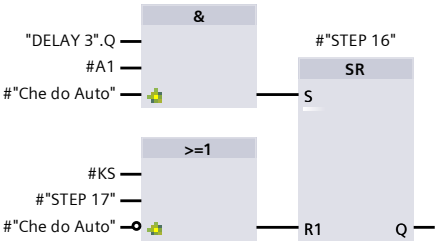


Network 9: DELAY 3

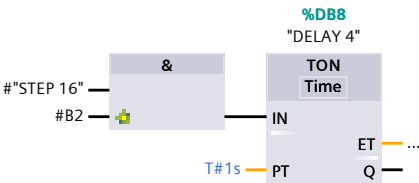


Network 10: CYLINDER Z2 OPEN

NIPPER OPEN

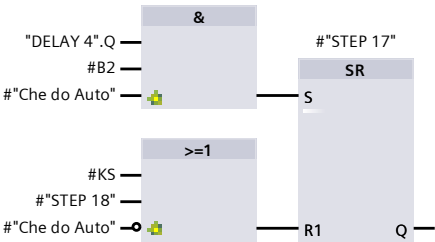


Network 11: DELAY 4



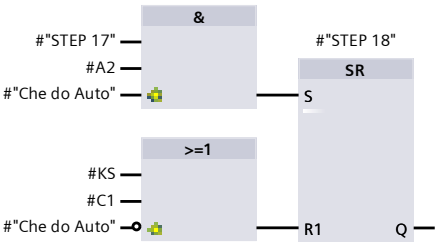
Network 12: CYLINDER Z1 OUT

NIPPER IN

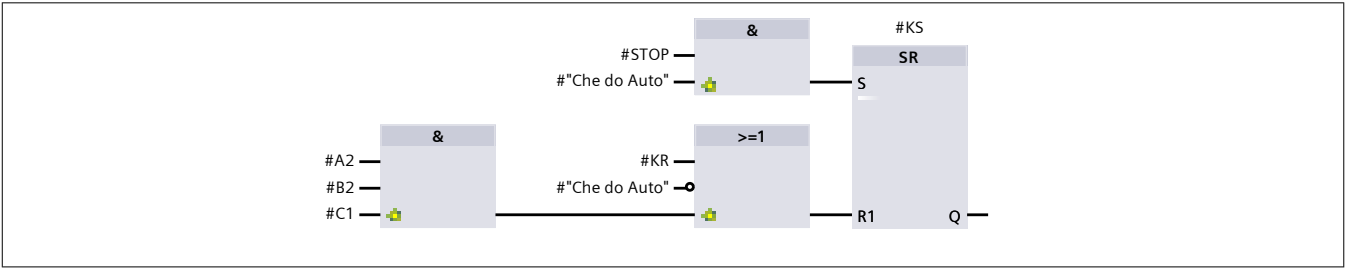


Network 13: DEVICE GO DOWN

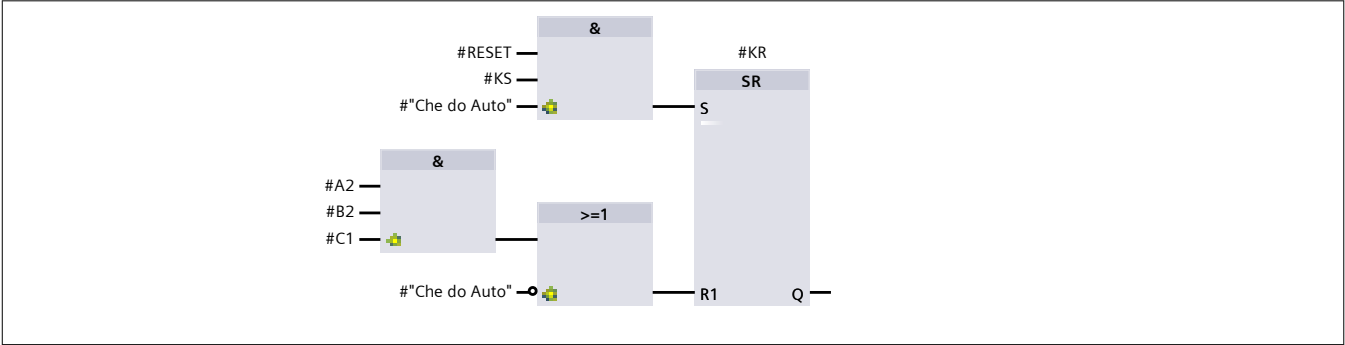
MOTO DOWN



Network 14: STOP FUNCTION

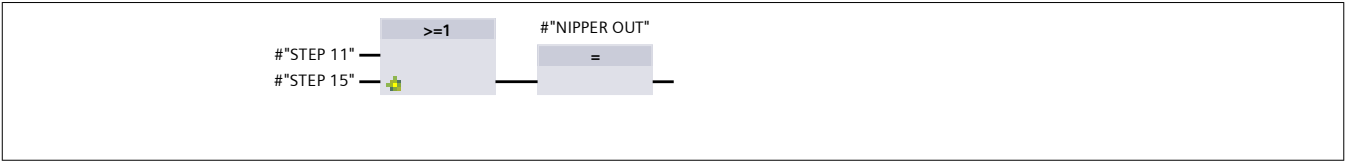


Network 15: RESET FUNCTION



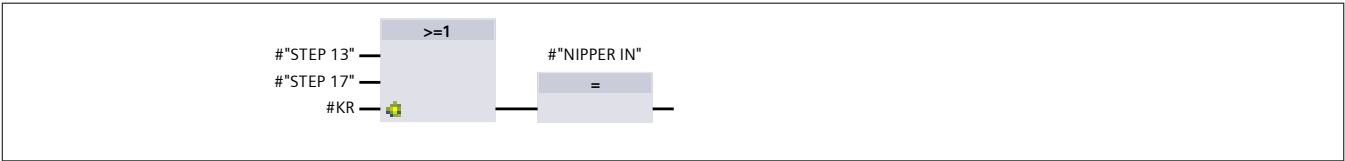
Network 16: NIPPER OUT

CYLINDER Z1 IN (1Y1:=1)



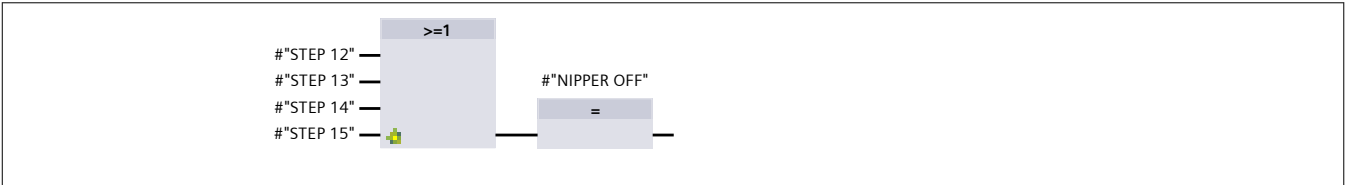
Network 17: NIPPER IN

CYLINDER Z1 OUT (1Y2:=1)



Network 18: NIPPER OFF

CYLINDER Z2 OFF



Network 19: NIPPER UP

DEVICE GO DOWN (+)

Totally Integrated Automation Portal		
<div><div>#"NIPPER UP"</div><div>#"STEP 14" =</div></div>		
<div><div>Network 20: NIPPER DOWN</div><div>DEVICE GO UP (-)</div><div><div>#KR & #C1</div><div>#"STEP 18" >=1</div><div>#"NIPPER DOWN" =</div></div></div>		

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

Auto Control_DB [DB1]

Auto Control_DB Properties

General

Name	Auto Control_DB	Number	1	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Che do Auto	Bool	false	False	True	True	True	False		
START	Bool	false	False	True	True	True	False		
STOP	Bool	false	False	True	True	True	False		
RESET	Bool	false	False	True	True	True	False		
A1	Bool	false	False	True	True	True	False		
A2	Bool	false	False	True	True	True	False		
B1	Bool	false	False	True	True	True	False		
B2	Bool	false	False	True	True	True	False		
C1	Bool	false	False	True	True	True	False		
C2	Bool	false	False	True	True	True	False		
▼ Output									
NIPPER IN	Bool	false	False	True	True	True	False		
NIPPER OUT	Bool	false	False	True	True	True	False		
NIPPER OFF	Bool	false	False	True	True	True	False		
NIPPER UP	Bool	false	False	True	True	True	False		
NIPPER DOWN	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
STEP 10	Bool	false	False	True	True	True	False		

[illegible]

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

Manual Control [FB2]

Manual Control Properties

General									
---------	--	--	--	--	--	--	--	--	--

Name	Manual Control	Number	2	Type	FB
Language	FBD	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

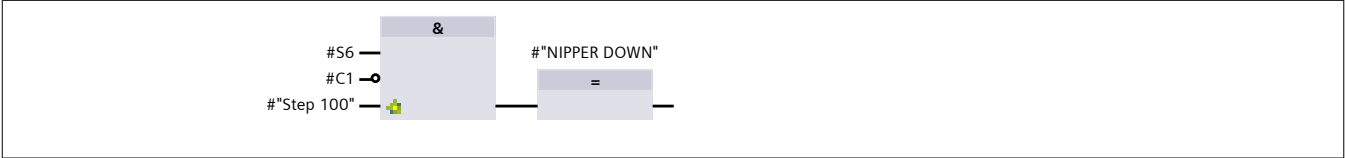
Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA	Wri- ta- ble from HM I/O PC UA	Visible in HMI engi- neering	Set- point	Super- vision	Comment
▼ Input									
Che do Manual	Bool	false	Non-retain	True	True	True	False		
S1	Bool	false	Non-retain	True	True	True	False		
S2	Bool	false	Non-retain	True	True	True	False		
S3	Bool	false	Non-retain	True	True	True	False		
S5	Bool	false	Non-retain	True	True	True	False		
S6	Bool	false	Non-retain	True	True	True	False		
A1	Bool	false	Non-retain	True	True	True	False		
A2	Bool	false	Non-retain	True	True	True	False		
B1	Bool	false	Non-retain	True	True	True	False		
B2	Bool	false	Non-retain	True	True	True	False		
C1	Bool	false	Non-retain	True	True	True	False		
C2	Bool	false	Non-retain	True	True	True	False		
▼ Output									
NIPPER OUT	Bool	false	Non-retain	True	True	True	False		
NIPPER IN	Bool	false	Non-retain	True	True	True	False		
NIPPER OFF	Bool	false	Non-retain	True	True	True	False		
NIPPER UP	Bool	false	Non-retain	True	True	True	False		
NIPPER DOWN	Bool	false	Non-retain	True	True	True	False		
InOut									

--	--	--

Totally Integrated Automation Portal									
Name	Data type	Default value	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Static									
Step 100	Bool	false	Non-retain	True	True	True	False		
Temp									
Constant									
Network 1: <div> </div>									
Network 2: NIPPER OUT CYLINDER Z1 IN (1Y1:=1) <div> </div>									
Network 3: NIPPER IN CYLINDER Z1 OUT (1Y2:=1) <div> </div>									
Network 4: NIPPER OFF CYLINDER Z2 IN (2Y1:=1) <div> </div>									
Network 5: NIPPER UP DEVICE GO UP (+) <div> </div>									

Network 6:

DEVICE GO DOWN (-)



Manual Control_DB [DB2]

Manual Control_DB Properties

General	
---------	--

Name	Manual Control_DB	Number	2	Type	DB
Language	DB	Numbering	Automatic		

Information	
1	Information
2	Information
3	Information
4	Information
5	Information
6	Information
7	Information
8	Information
9	Information
10	Information
11	Information
12	Information
13	Information
14	Information
15	Information
16	Information
17	Information
18	Information
19	Information
20	Information
21	Information
22	Information
23	Information
24	Information
25	Information
26	Information
27	Information
28	Information
29	Information
30	Information
31	Information
32	Information
33	Information
34	Information
35	Information
36	Information
37	Information
38	Information
39	Information
40	Information
41	Information
42	Information
43	Information
44	Information
45	Information
46	Information
47	Information
48	Information
49	Information
50	Information
51	Information
52	Information
53	Information
54	Information
55	Information
56	Information
57	Information
58	Information
59	Information
60	Information
61	Information
62	Information
63	Information
64	Information
65	Information
66	Information
67	Information
68	Information
69	Information
70	Information
71	Information
72	Information
73	Information
74	Information
75	Information
76	Information
77	Information
78	Information
79	Information
80	Information
81	Information
82	Information
83	Information
84	Information
85	Information
86	Information
87	Information
88	Information
89	Information
90	Information
91	Information
92	Information
93	Information
94	Information
95	Information
96	Information
97	Information
98	Information
99	Information
100	Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Accessible from HMI/O PC UA	Writable from HMI/O PC UA	Visible in HMI engineering	Set-point	Supervision	Comment
▼ Input									
Che do Manual	Bool	false	False	True	True	True	False		
S1	Bool	false	False	True	True	True	False		
S2	Bool	false	False	True	True	True	False		
S3	Bool	false	False	True	True	True	False		
S5	Bool	false	False	True	True	True	False		
S6	Bool	false	False	True	True	True	False		
A1	Bool	false	False	True	True	True	False		
A2	Bool	false	False	True	True	True	False		
B1	Bool	false	False	True	True	True	False		
B2	Bool	false	False	True	True	True	False		
C1	Bool	false	False	True	True	True	False		
C2	Bool	false	False	True	True	True	False		
▼ Output									
NIPPER OUT	Bool	false	False	True	True	True	False		
NIPPER IN	Bool	false	False	True	True	True	False		
NIPPER OFF	Bool	false	False	True	True	True	False		
NIPPER UP	Bool	false	False	True	True	True	False		
NIPPER DOWN	Bool	false	False	True	True	True	False		
InOut									

--	--	--

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Access- sible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Static									
Step 100	Bool	false	False	True	True	True	False		

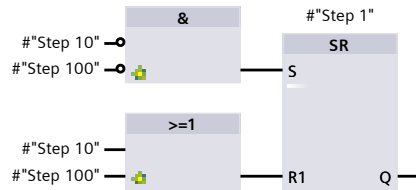
PLC_1 [CPU 1214C DC/DC/DC] / Program blocks

Initial [FB3]

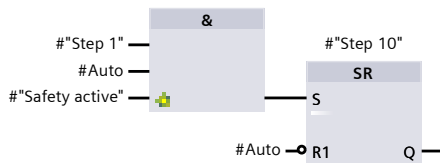
Initial Properties					
General					
Name	Initial	Number	3	Type	FB
Language	FBD	Numbering	Automatic		
Information					
Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA	Wri- ta- ble from HM I/O PC UA	Visible in HMI engi- neering	Set- point	Super- vision	Comment
▼ Input									
Auto	Bool	false	Non-retain	True	True	True	False		
Manual	Bool	false	Non-retain	True	True	True	False		
Safety active	Bool	false	Non-retain	True	True	True	False		
▼ Output									
Den bao auto	Bool	false	Non-retain	True	True	True	False		
Den bao manual	Bool	false	Non-retain	True	True	True	False		
Che do auto	Bool	false	Non-retain	True	True	True	False		
Che do manual	Bool	false	Non-retain	True	True	True	False		
Initial	Bool	false	Non-retain	True	True	True	False		
InOut									
▼ Static									
Step 1	Bool	false	Non-retain	True	True	True	False		
Step 10	Bool	false	Non-retain	True	True	True	False		
Step 100	Bool	false	Non-retain	True	True	True	False		
Temp									
Constant									

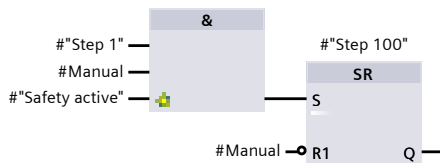
Network 1: initial



Network 2: Auto



Network 3: Manual



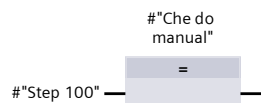
Network 4: Đèn báo auto



Network 5: Che do auto



Network 6: CHe do manual



Totally Integrated Automation Portal		
<div>Network 7: Den báo manual</div> <div><div>#"Den bao manual"</div><div>#"Step 100" =</div></div>		
<div>Network 8: Output initial</div> <div><div>#Initial</div><div>#"Step 1" =</div></div>		

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

Initial_DB [DB4]

Initial_DB Properties					
General					
Name	Initial_DB	Number	4	Type	DB
Language	DB	Numbering	Automatic		
Information					
Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Auto	Bool	false	False	True	True	True	False		
Manual	Bool	false	False	True	True	True	False		
Safety active	Bool	false	False	True	True	True	False		
▼ Output									
Den bao auto	Bool	false	False	True	True	True	False		
Den bao manual	Bool	false	False	True	True	True	False		
Che do auto	Bool	false	False	True	True	True	False		
Che do manual	Bool	false	False	True	True	True	False		
Initial	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Step 1	Bool	false	False	True	True	True	False		
Step 10	Bool	false	False	True	True	True	False		
Step 100	Bool	false	False	True	True	True	False		

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

Output control [FB4]

Output control Properties

General

Name	Output control	Number	4	Type	FB
Language	FBD	Numbering	Automatic		

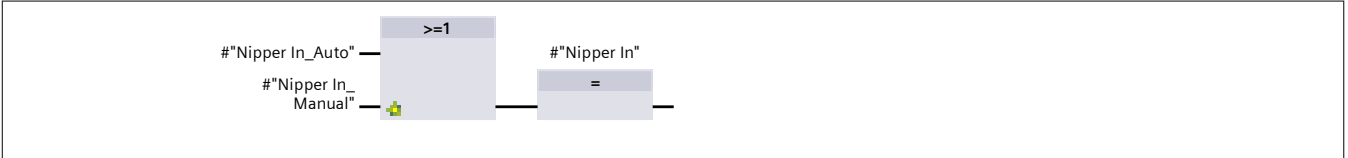
Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

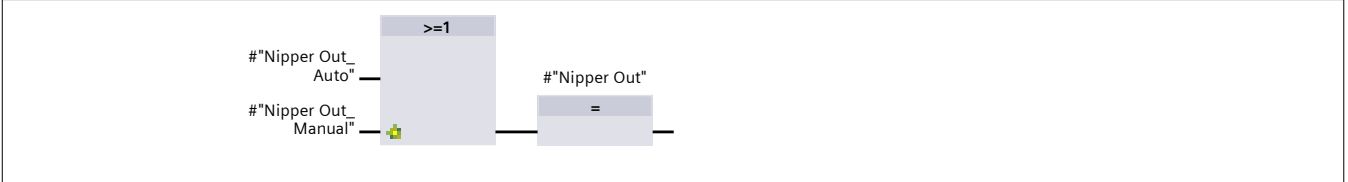
Name	Data type	Default value	Retain	Access- ible from HMI/OP C UA	Wri- ta- ble from HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Nipper In_Auto	Bool	false	Non-retain	True	True	True	False		
Nipper Out_Auto	Bool	false	Non-retain	True	True	True	False		
Nipper Off_Auto	Bool	false	Non-retain	True	True	True	False		
Nipper Up_Auto	Bool	false	Non-retain	True	True	True	False		
Nipper Down_Auto	Bool	false	Non-retain	True	True	True	False		
Nipper In_Manual	Bool	false	Non-retain	True	True	True	False		
Nipper Out_Manual	Bool	false	Non-retain	True	True	True	False		
Nipper Off_Manual	Bool	false	Non-retain	True	True	True	False		
Nipper Up_Manual	Bool	false	Non-retain	True	True	True	False		
Nipper Down_Manual	Bool	false	Non-retain	True	True	True	False		
Auto	Bool	false	Non-retain	True	True	True	False		
Manual	Bool	false	Non-retain	True	True	True	False		
▼ Output									
Nipper In	Bool	false	Non-retain	True	True	True	False		
Nipper Out	Bool	false	Non-retain	True	True	True	False		
Nipper Off	Bool	false	Non-retain	True	True	True	False		
Nipper Up	Bool	false	Non-retain	True	True	True	False		
Nipper Down	Bool	false	Non-retain	True	True	True	False		

[illegible]

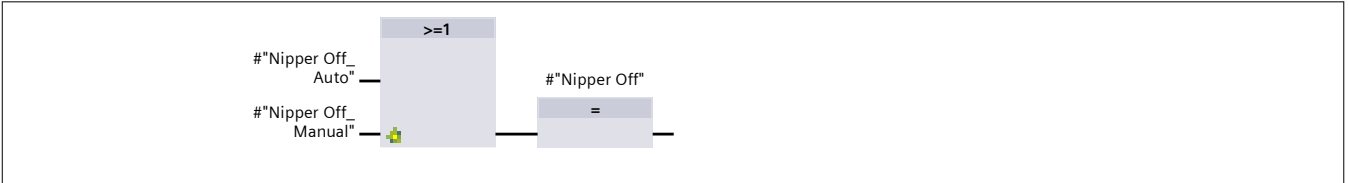
Network 1: Nipper In



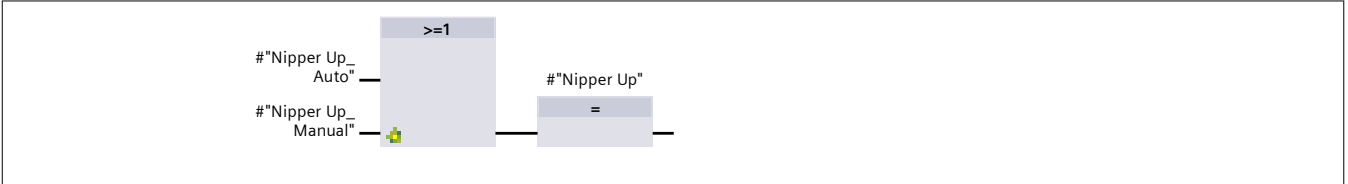
Network 2: Nipper Out



Network 3: Nipper Off



Network 4: Nipper Up

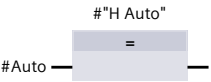


Network 5: Nipper Down

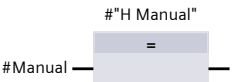
--	--	--



Network 6: H Auto



Network 7: H manual



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

Output control_DB [DB5]

Output control_DB Properties

General

Name	Output control_DB	Number	5	Type	DB
Language	DB	Numbering	Automatic		

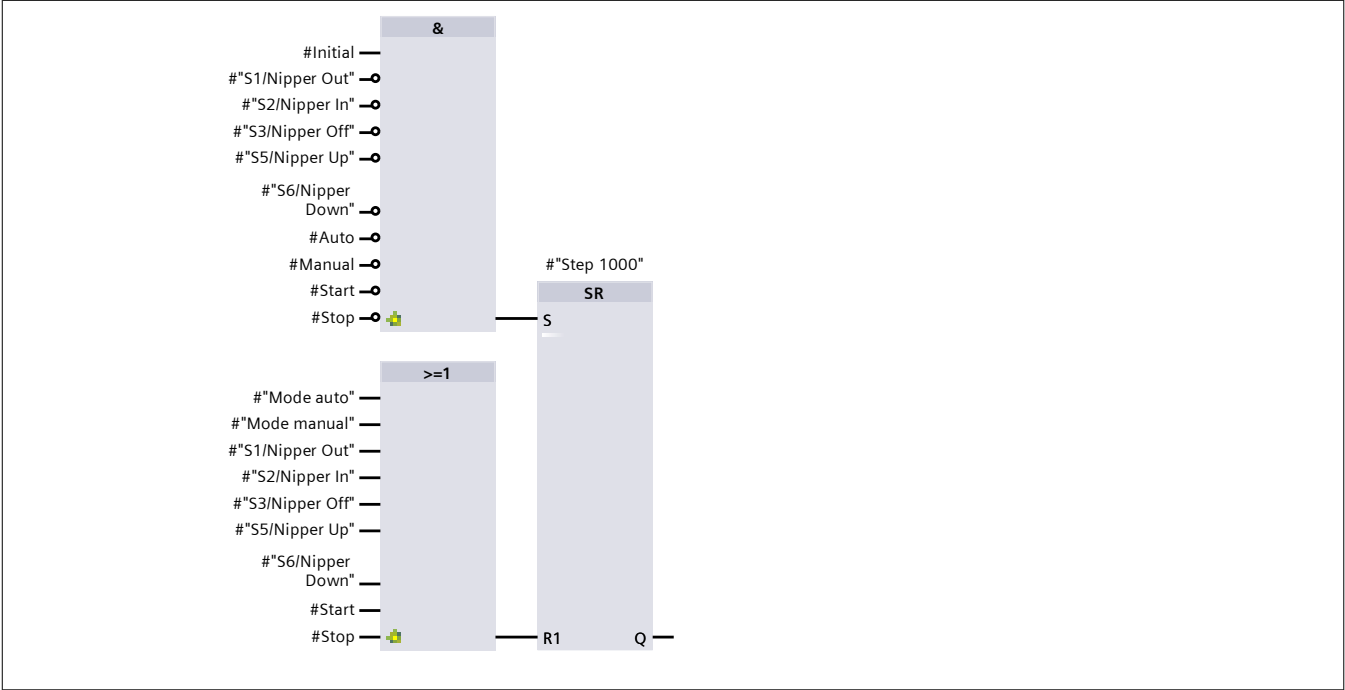
Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Nipper In_Auto	Bool	false	False	True	True	True	False		
Nipper Out_Auto	Bool	false	False	True	True	True	False		
Nipper Off_Auto	Bool	false	False	True	True	True	False		
Nipper Up_Auto	Bool	false	False	True	True	True	False		
Nipper Down_Auto	Bool	false	False	True	True	True	False		
Nipper In_Manual	Bool	false	False	True	True	True	False		
Nipper Out_Manual	Bool	false	False	True	True	True	False		
Nipper Off_Manual	Bool	false	False	True	True	True	False		
Nipper Up_Manual	Bool	false	False	True	True	True	False		
Nipper Down_Manual	Bool	false	False	True	True	True	False		
Auto	Bool	false	False	True	True	True	False		
Manual	Bool	false	False	True	True	True	False		
▼ Output									
Nipper In	Bool	false	False	True	True	True	False		
Nipper Out	Bool	false	False	True	True	True	False		
Nipper Off	Bool	false	False	True	True	True	False		
Nipper Up	Bool	false	False	True	True	True	False		
Nipper Down	Bool	false	False	True	True	True	False		

Totally Integrated Automation Portal									
Name	Data type	Start value	Retain	Accessible from HMI/O PC UA	Writable from HMI/O PC UA	Visible in HMI engineering	Set-point	Supervision	Comment
H Auto	Bool	false	False	True	True	True	False		
H Manual	Bool	false	False	True	True	True	False		
InOut									
Static									

Network 1: Safety active



Network 2:



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

safety active_DB [DB9]

safety active_DB Properties

General

Name	safety active_DB	Number	9	Type	DB
Language	DB	Numbering	Automatic		

Information

Title		Author		Comment	
Family		Version	0.1	User-defined ID	

Name	Data type	Start value	Retain	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	Comment
▼ Input									
Start	Bool	false	False	True	True	True	False		
Stop	Bool	false	False	True	True	True	False		
Auto	Bool	false	False	True	True	True	False		
Manual	Bool	false	False	True	True	True	False		
S1/Nipper Out	Bool	false	False	True	True	True	False		
S2/Nipper In	Bool	false	False	True	True	True	False		
S3/Nipper Off	Bool	false	False	True	True	True	False		
S5/Nipper Up	Bool	false	False	True	True	True	False		
S6/Nipper Down	Bool	false	False	True	True	True	False		
Mode auto	Bool	false	False	True	True	True	False		
Mode manual	Bool	false	False	True	True	True	False		
Initial	Bool	false	False	True	True	True	False		
▼ Output									
safety active	Bool	false	False	True	True	True	False		
InOut									
▼ Static									
Step 1000	Bool	false	False	True	True	True	False		

PLC_1 [CPU 1214C DC/DC/DC] / Program blocks / System blocks / Program resources

DELAY 1 [DB3]

DELAY 1 Properties					
General					
Name	DELAY 1	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	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	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		

PLC_1 [CPU 1214C DC/DC/DC] / Program blocks / System blocks / Program resources

DELAY 2 [DB6]

DELAY 2 Properties					
General					
Name	DELAY 2	Number	6	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	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	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		

PLC_1 [CPU 1214C DC/DC/DC] / Program blocks / System blocks / Program resources

DELAY 3 [DB7]

DELAY 3 Properties					
General					
Name	DELAY 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	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	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		

PLC_1 [CPU 1214C DC/DC/DC] / Program blocks / System blocks /
Program resources

DELAY 4 [DB8]

DELAY 4 Properties

General

Name	DELAY 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	Access- ible from HMI/O PC UA	Wri- ta- ble fro m HM I/O PC UA	Visible in HMI engi- neer- ing	Set- point	Super- vision	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		

PLC_1 [CPU 1214C DC/DC/DC]































Technology objects








This folder is empty.

PLC_1 [CPU 1214C DC/DC/DC] / PLC tags / Default tag table [66]

PLC tags

PLC tags

	Name	Data type	Address	Retain	Access- ible from HMI/O PC UA	Writa- ble from HMI/O PC UA	Visi- ble in HMI engi- neer- ing	Supervision	Comment
	Auto	Bool	%I0.0	False	True	True	True		Nipper In
	Manual	Bool	%I0.1	False	True	True	True		Nipper Out
	S1/Nipper Out	Bool	%I0.2	False	True	True	True		Nipper Off
	S2/Nipper In	Bool	%I0.3	False	True	True	True		Nipper Up
	S3/Nipper Off	Bool	%I0.4	False	True	True	True		Nipper Down
	S5/Nipper Up	Bool	%I0.5	False	True	True	True		H Auto
	S6/Nipper Down	Bool	%I0.6	False	True	True	True		H Manual
	Start	Bool	%I1.0	False	True	True	True		Điều khiển mở kẹp đi xuống
	Stop	Bool	%I1.1	False	True	True	True		Dừng hệ thống (ở chế độ tự động)
	Reset	Bool	%I1.2	False	True	True	True		Đưa hệ thống về ban đầu (ở chế độ tự động)
	A1	Bool	%I1.3	False	True	True	True		Cảm biến xylanh nằm ngang ở trong
	A2	Bool	%I1.4	False	True	True	True		Cảm biến xylanh nằm ngang ở
	B1	Bool	%I1.5	False	True	True	True		Cảm biến xylanh kẹp đóng
	B2	Bool	%I2.0	False	True	True	True		Cảm biến xylanh kẹp mở
	C1	Bool	%I2.1	False	True	True	True		Công tắc hành trình ở dưới
	C2	Bool	%I2.2	False	True	True	True		Công tắc hành trình ở trên
	Nipper In	Bool	%Q0.0	False	True	True	True		Điều khiển xylanh đi ra (mở kẹp đi vào)/1Y2
	Nipper Out	Bool	%Q0.1	False	True	True	True		Điều khiển xylanh ngang đi vào (mở kẹp đi ra)/1Y1
	Nipper Off	Bool	%Q0.2	False	True	True	True		Điều khiển mở kẹp đóng lại/2Y1
	Nipper Up	Bool	%Q0.3	False	True	True	True		Điều khiển mở kẹp đi lên/M+
	Nipper Down	Bool	%Q0.4	False	True	True	True		Điều khiển mở kẹp đi xuống/M-
	H Auto	Bool	%Q0.5	False	True	True	True		Đèn Auto/H2
	H Manual	Bool	%Q0.6	False	True	True	True		Đèn Manual/H3
	Chế độ Auto	Bool	%M0.0	False	True	True	True		
	Chế độ Manual	Bool	%M0.1	False	True	True	True		
	Nipper In_Auto	Bool	%M0.2	False	True	True	True		
	Nipper Out_Auto	Bool	%M0.3	False	True	True	True		
	Nipper Off_Auto	Bool	%M0.4	False	True	True	True		
	Nipper Up_Auto	Bool	%M0.5	False	True	True	True		
	Nipper Down_Auto	Bool	%M0.6	False	True	True	True		

Totally Integrated Automation Portal									
	Name	Data type	Address	Retain	Accessible from HMI/O PC UA	Writable from HMI/O PC UA	Visible in HMI engineering	Supervision	Comment
	Nipper In_Manual	Bool	%M0.7	False	True	True	True		
	Nipper Out_Manual	Bool	%M1.0	False	True	True	True		
	Nipper Off_Manual	Bool	%M1.1	False	True	True	True		
	Nipper Up_Manual	Bool	%M1.2	False	True	True	True		
	Nipper Down_Manual	Bool	%M1.3	False	True	True	True		
	Initial	Bool	%M1.4	False	True	True	True		
	Safety initial	Bool	%M1.5	False	True	True	True		

Totally Integrated Automation Portal														
<div>PLC_1 [CPU 1214C DC/DC/DC] / PLC tags / Default tag table [66]</div> <div>User constants</div> <table><tr><th colspan="4">User constants</th></tr><tr><th>Name</th><th>Data type</th><th>Value</th><th>Comment</th></tr><tr><td colspan="4"></td></tr></table>			User constants				Name	Data type	Value	Comment				
User constants														
Name	Data type	Value	Comment											

PLC_1 [CPU 1214C DC/DC/DC]

PLC data types

This folder is empty.

Totally Integrated Automation Portal												
<div>PLC_1 [CPU 1214C DC/DC/DC] / Watch and force tables</div> <div>Force table</div> <table><tr><th>Name</th><th>Address</th><th>Display format</th><th>Force value</th><th>Comment</th></tr><tr><td colspan="5"></td></tr></table>			Name	Address	Display format	Force value	Comment					
Name	Address	Display format	Force value	Comment								

PLC_1 [CPU 1214C DC/DC/DC]

Traces

Name

PLC_1 [CPU 1214C DC/DC/DC] / Traces

Measurements

Name

PLC_1 [CPU 1214C DC/DC/DC] / Traces

Combined measurements

Name

PLC_1 [CPU 1214C DC/DC/DC]

PLC alarm text lists

This folder is empty.

PLC_1 [CPU 1214C DC/DC/DC] / Local modules

DI 16/DQ 16x24VDC_1

DI 16/DQ 16x24VDC_1

General\Project information

Name	DI 16/DQ 16x24VDC_1	Author	ACER
Comment		Slot	2

General\Catalog information

Short designation	SM 1223 DI16/DQ16 x 24VDC	Description	Digital input/output module DI16 x 24VDC SINK/SOURCE and DQ16 x 24VDC; configurable input delay; plug-in terminal blocks
Article number	6ES7 223-1BL32-0XB0	Firmware version	V2.0

DI 16/DQ 16\Project information

Name	DI 16/DQ 16x24VDC_1	Comment	
------	---------------------	---------	--

DI 16/DQ 16\Digital inputs\Input filters

I2.0 - I2.3	6.40ms	I2.4 - I2.7	6.40ms
I3.0 - I3.3	6.40ms	I3.4 - I3.7	6.40ms

DI 16/DQ 16\Digital inputs\Channel0

Channel address	I2.0	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel1

Channel address	I2.1	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel2

Channel address	I2.2	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel3

Channel address	I2.3	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel4

Channel address	I2.4	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel5

Channel address	I2.5	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel6

Channel address	I2.6	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel7

Channel address	I2.7	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel8

Channel address	I3.0	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel9

Channel address	I3.1	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel10

Channel address	I3.2	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel11

Channel address	I3.3	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel12

Channel address	I3.4	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel13

Channel address	I3.5	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel14

Channel address	I3.6	
-----------------	------	--

DI 16/DQ 16\Digital inputs\Channel15

Channel address	I3.7	
-----------------	------	--

DI 16/DQ 16\Digital outputs

Reaction to CPU STOP	Use substitute value	
----------------------	----------------------	--

DI 16/DQ 16\Digital outputs\Channel0

Channel address	Q2.0	Substitute a value of 1 on a change from RUN to STOP.	0
-----------------	------	---	---

Totally Integrated Automation Portal		
DI 16/DQ 16\Digital outputs\Channel1		
Channel address	Q2.1	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel2		
Channel address	Q2.2	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel3		
Channel address	Q2.3	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel4		
Channel address	Q2.4	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel5		
Channel address	Q2.5	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel6		
Channel address	Q2.6	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel7		
Channel address	Q2.7	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel8		
Channel address	Q3.0	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel9		
Channel address	Q3.1	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel10		
Channel address	Q3.2	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel11		
Channel address	Q3.3	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel12		
Channel address	Q3.4	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel13		
Channel address	Q3.5	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel14		
Channel address	Q3.6	Substitute a value of 1 on a change from RUN to STOP.
		0
DI 16/DQ 16\Digital outputs\Channel15		
Channel address	Q3.7	Substitute a value of 1 on a change from RUN to STOP.
		0

Totally Integrated Automation Portal		
DI 16/DQ 16\I/O addresses\Input addresses		
Start address	2.0	End address 3.7
Organization block	0	Process image 0
DI 16/DQ 16\I/O addresses\Output addresses		
Start address	2.0	End address 3.7
Organization block	0	Process image 0
DI 16/DQ 16\Hardware identifier\Hardware identifier		
Hardware identifier	269	