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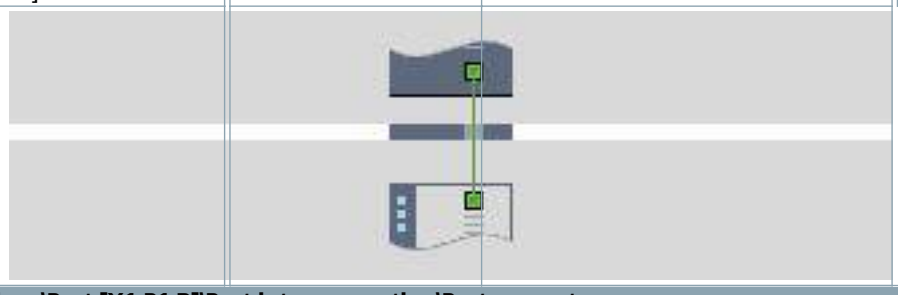
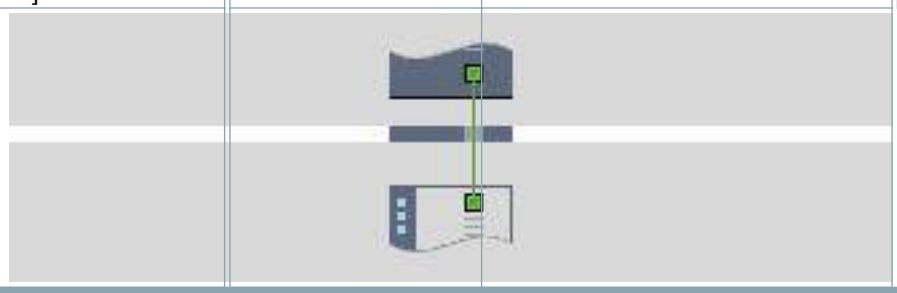
PLC_1 [CPU 1511-1 PN]

PLC_1					
General\Project information					
Name	PLC_1	**Author**	i72014	**Comment**	
Rack	0	**Slot**	1		
General\Catalog information					
Short designation	CPU 1511-1 PN	**Description**	CPU with display; work memory 150 KB code and 1 MB data; 60 ns bit instruction time; 4-stage protection concept, integrated technology functions: Motion Control, closed-loop control, counting&measuring; integrated tracing; PROFINET IO controller, supports RT/IRT, 2 ports, MRP, transport protocol TCP/IP, S7 communication, Web server, constant bus cycle time, routing; firmware V1.8	**Article number**	6ES7 511-1AK00-0AB0
Firmware version	V1.8				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2016-04-07 13:20:53.143
Additional information					
PROFINET interface [X1]\General					
Name	PROFINET-Schnittstelle_1	**Author**	i72014	**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:**	192.168.0.1	**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\NTP mode					
Note	Time synchronization for all PROFINET interfaces take place within the settings for time synchronization of the PROFINET interface [X1].	**Enable time synchronization via NTP server**	False		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**	10s		
PROFINET interface [X1]\Operating mode					
IO controller	True	**IO system**		**Device number**	0
IO device	False				
PROFINET interface [X1]\Advanced options\Interface options					
Call the user program if communication errors occur	False	**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\Synchronization					
RT class:	RT,IRT				
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 R]\General					
Name	Port_1	**Author**	i72014	**Comment**	
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET-Schnittstelle_1 [X1]\Port_1 [X1 P1 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P1 R]\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 R]\General					
Name	Port_2	**Author**	i72014	**Comment**	

PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Local port:					
Local port:	PLC_1\PROFINET-Schnittstelle_1 [X1]\Port_2 [X1 P2 R]	**Medium:**	Copper	**Cable name:**	---
					
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port interconnection\Partner port:					
	Monitoring of partner port is not possible	**Alternative partners**	False	**Partner port:**	Any partner
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Activate					
Activate this port for use	True				
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\Port options\Connection					
Transmission rate / duplex:	Automatic	**Monitor**	False	**Enable autonegotiation**	True
PROFINET interface [X1]\Advanced options\Port [X1 P2 R]\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					
Note	The Web server must also be activated in the properties of the PLC.	**Enable Web server using this interface**	False		
Startup					
Startup after POWER ON	Warm restart - Operating mode before POWER OFF	**Comparison preset to actual configuration**	Startup CPU even if mismatch	**Configuration time**	60000ms
Cycle					
Maximum cycle time	150ms			**Enable minimum cycle time for cyclic OBs**	True
Minimum cycle time	5ms				
Communication load					
Cycle load due to communication	50%				
System and clock memory\System memory bits					
Enable the use of system memory byte	False	**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	False	**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					
System diagnostics\General					
Activate system diagnostics for this device	True				
Web server\General					
Activate web server on this module	False	**Permit access only with HTTPS**	False		
Web server\Automatic update					
Enable automatic update	True	**Update interval**	0s		

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-Schnittstelle_1	False

Display\General\Display standby mode					
Time to standby mode	30 minutes				
Display\General\Energy saving mode					
Time to energy saving mode	15 minutes				
Display\General\Display language					
Default language on display	English				
Display\Automatic update					
Time until update	5 seconds				
Display\Password\Display protection					
Enable display protection	False				
Display\User-defined logo					
User logo activated	False	**Adapt logo**	False	**Resolution**	128x120
Company logo	---				

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)	Japanese
English (United States)	Chinese (simplified)
English (United States)	Korean
English (United States)	Russian
English (United States)	Turkish
English (United States)	Portuguese (Brazil)

Time of day\Local time					
Time zone	(UTC) Dublin, Edinburgh, Lisbon, London				
Time of day\Daylight saving time					
Activate daylight saving time	True	**Difference between standard and daylight saving time**	60mins		
Time of day\Daylight saving time\Start of daylight saving time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	March
at	01:00 a.m.				
Time of day\Daylight saving time\Start of standard time					
Selection of the week	Last	**Selection of the weekday**	Sunday	**of**	October
at	02:00 a.m.				
Protection					
Level of protection	Full access (no protection)				
Protection\Connection mechanisms					
Permit access with PUT/GET communication from remote partner	True				
Protection\Security event					
Summarize security events in case of high message volume	True	**Length of an interval**	20	**Unit**	seconds
System power supply\General					
General	Connection to supply voltage L+				

System power supply\\Power segment overview		
Module	**Slot**	**Supply/consumption**
PLC_1	1	10.00W
AI 8xU/I/RTD/TC ST_1	2	-0.70W
AI 8xU/I/RTD/TC ST_2	3	-0.70W
AI 8xU/I/RTD/TC ST_3	4	-0.70W
AI 8xU/I/RTD/TC ST_4	5	-0.70W
DI 16x24VDC BA_1	6	-1.05W
	Summary	6.15W

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

Connection resources\				
	Station resources - Reserved - Maximum	**Station resources - Reserved - Configured**	**Station resources - Dynamic - Configured**	**Module resources - PLC_1 [CPU 1511-1 PN] - Configured**
Maximum number of resources:		10	54	64
	Maximum	Configured	Configured	Configured
PG communication:	4	-	-	-
HMI communication:	4	0	0	0
S7 communication:	0	-	0	0
Open user communication:	0	-	0	0
Web communication:	2	-	-	-
Other communication:	-	-	0	0
Total resources used:		0	0	0
Available resources:		10	54	64

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	OB	Device name	Device number	Size	Master / IO system	Rack	Slot
I	0	15	AI 8xU/I/RTD/TC ST_1	None	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	2
I	16	31	AI 8xU/I/RTD/TC ST_2	None	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	3
I	32	47	AI 8xU/I/RTD/TC ST_3	None	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	4
I	48	63	AI 8xU/I/RTD/TC ST_4	None	-	PLC_1 [CPU 1511-1 PN]	-	16 Bytes	-	0	5
I	512	513	DI 16x24VDC BA_1	None	-	PLC_1 [CPU 1511-1 PN]	-	2 Bytes	-	0	6

PLC_1 [CPU 1511-1 PN] / Program blocks

MHJ-PLC-Lab-Function-S71500 [FC9000]

MHJ-PLC-Lab-Function-S71500 Properties							
General							
Name	MHJ-PLC-Lab-Function-S71500	**Number**	9000	**Type**	FC	**Language**	SCL
Numbering	Manual						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
▼ Temp			
Value	Byte		
ForCounter	Int		
▼ Constant			
Value_01_DW	DWord	16#1223_5486	
Value_02_DW	DWord	16#A6C9_D1F5	
▼ Return			
MHJ-PLC-Lab-Function-S71500	Void		

```
0001
0002 #Value:=PEEK(area := 16#82,
0003    dbNumber := 0,
0004    byteOffset := 511);
0005 #Value := #Value + 1;
0006
0007 POKE(area := 16#82,
0008    dbNumber := 0,
0009    byteOffset := 511,
0010    value := #Value);
0011
0012 POKE(area := 16#82,
0013    dbNumber := 0,
0014    byteOffset := 1016,
0015    value := #Value_01_DW);
0016 POKE(area := 16#82,
0017    dbNumber := 0,
0018    byteOffset := 1020,
0019    value := #Value_02_DW);
0020
0021 FOR #ForCounter := 0 TO 63 DO
0022   #Value:=PEEK(area := 16#1,
0023      dbNumber := 0,
0024      byteOffset := #ForCounter);
0025   POKE(area := 16#81,
0026      dbNumber := 0,
0027      byteOffset := #ForCounter,
0028      value := #Value);
0029 END_FOR;
0030 #Value := PEEK(area := 16#1,
0031          dbNumber := 0,
0032          byteOffset := 512);
0033 POKE(area := 16#82,
0034    dbNumber := 0,
0035    byteOffset := 512,
0036    value := #Value);
0037
0038
```

Symbol	Address	Type	Comment
#ForCounter		Int	
#Value		Byte	
#Value_01_DW	16#1223_5486	DWord	
#Value_02_DW	16#A6C9_D1F5	DWord	

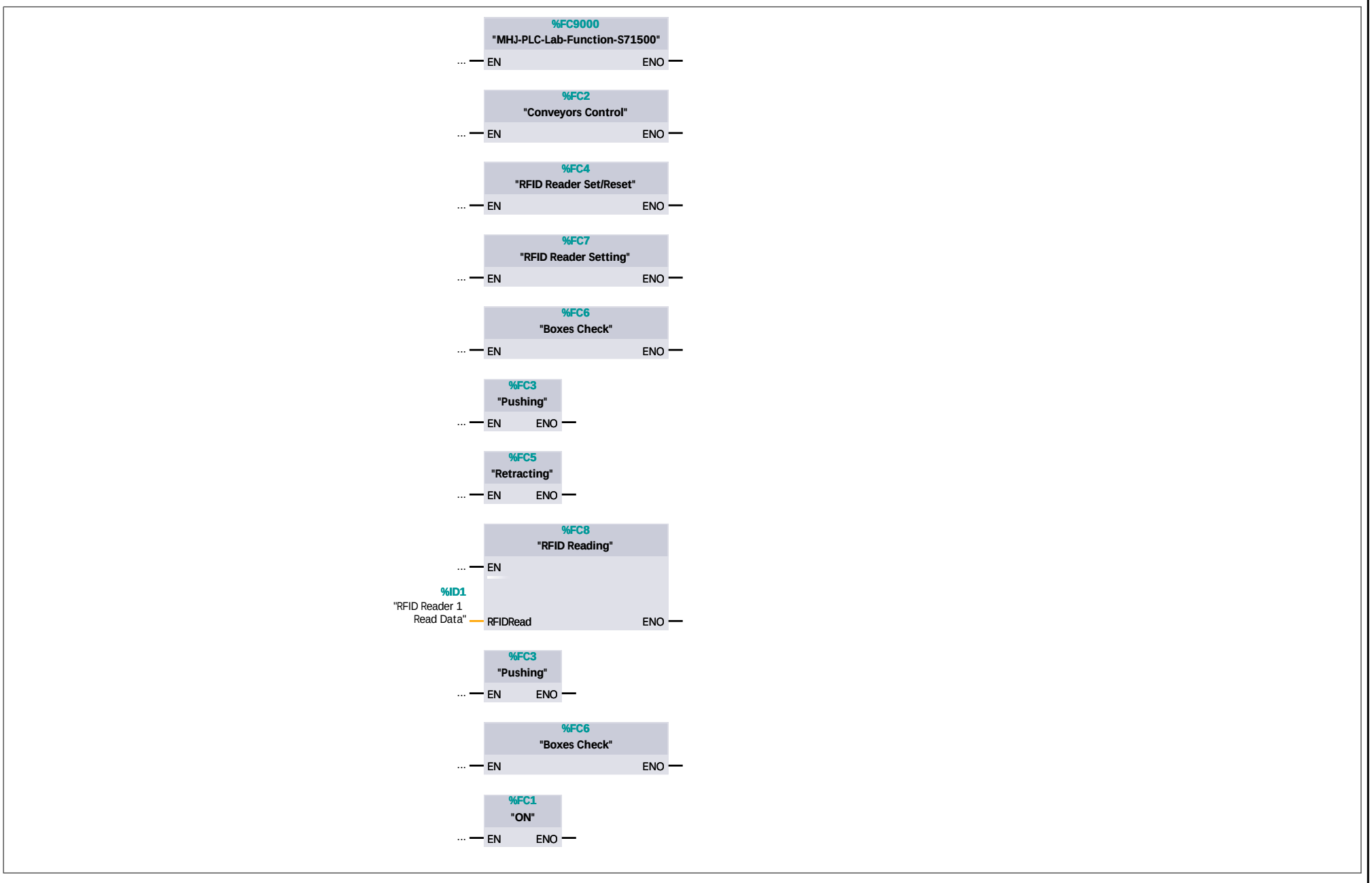
PLC_1 [CPU 1511-1 PN] / Program blocks

Main [OB1]

Main Properties							
General							
Name	Main	**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	Comment
Input			
Initial_Call	Bool		Initial call of this OB
Remanence	Bool		=True, if remanent data are available
Temp			
Constant			

Network 1:



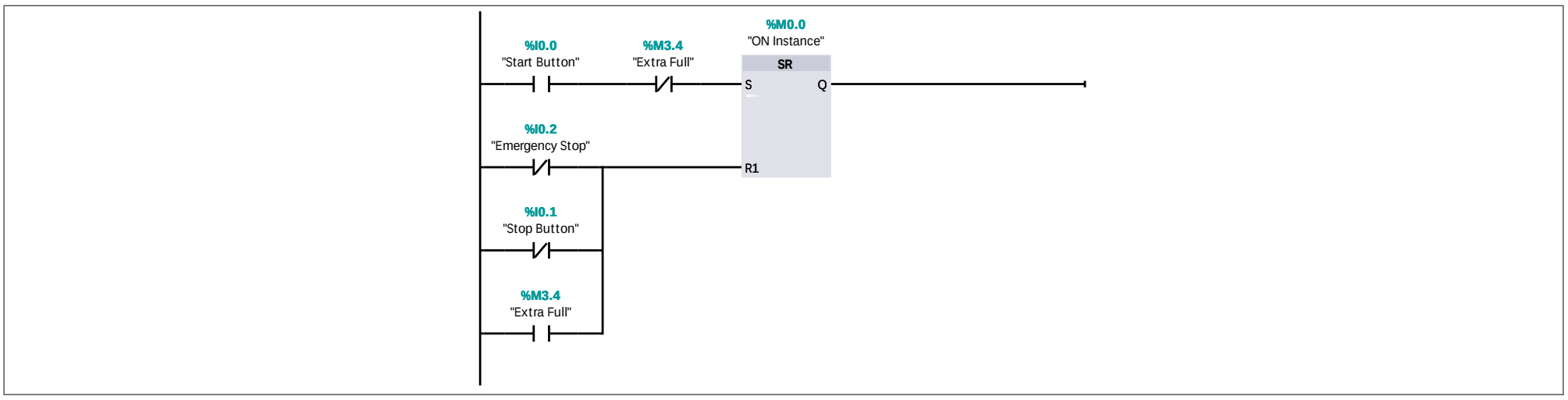
PLC_1 [CPU 1511-1 PN] / Program blocks

ON [FC1]

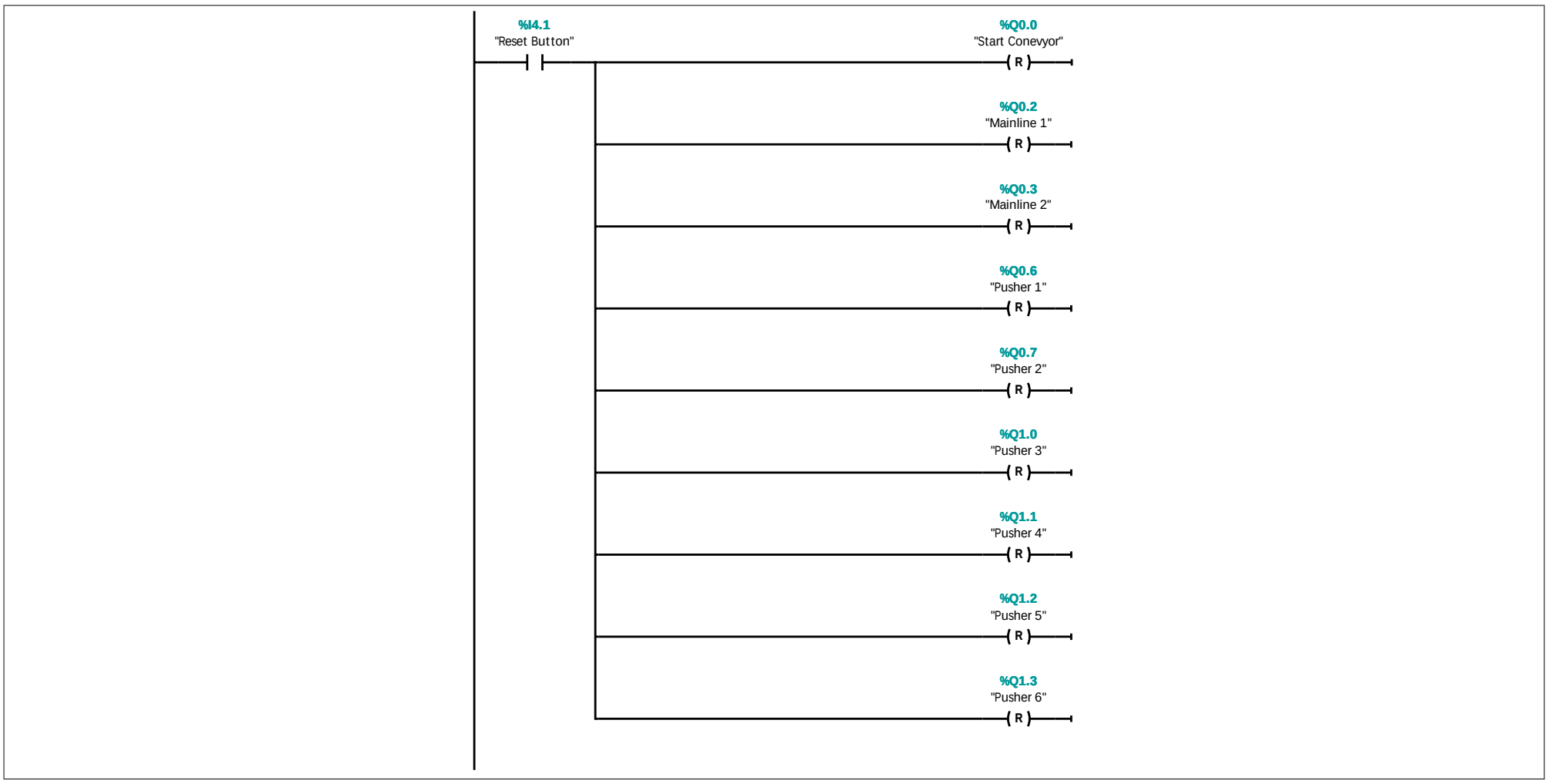
ON Properties							
General							
Name	ON	**Number**	1	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
ON	Void		

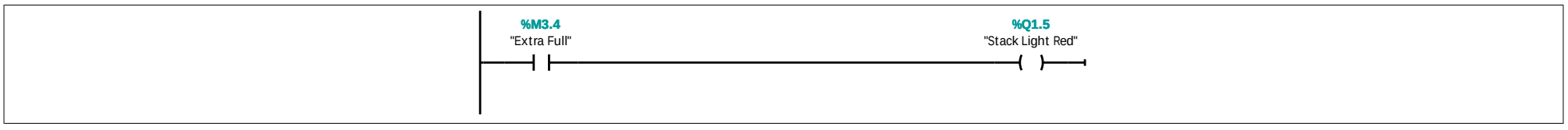
Network 1: ON Instance



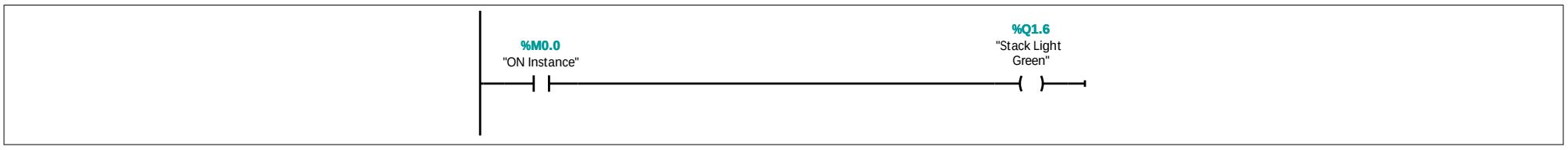
Network 2: Reset



Network 3:



Network 4:



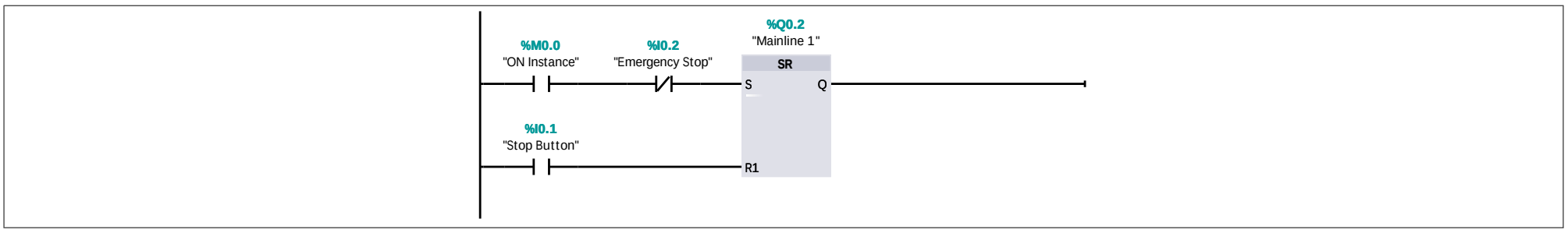
PLC_1 [CPU 1511-1 PN] / Program blocks

Conveyors Control [FC2]

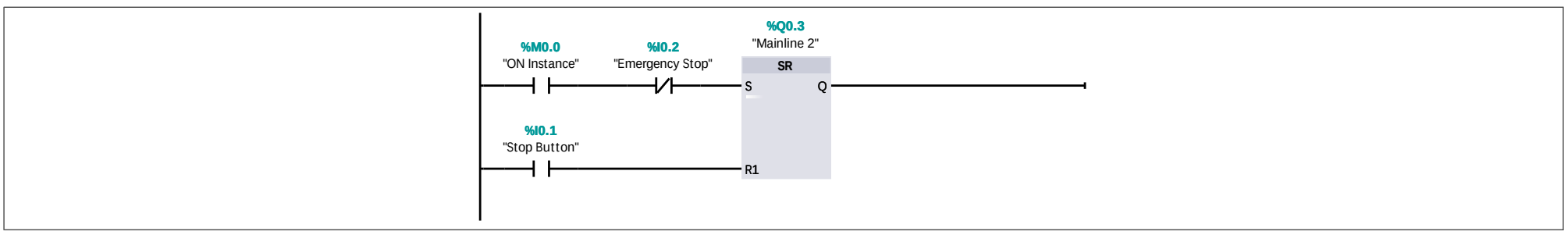
Conveyors Control Properties							
General							
Name	Conveyors Control	**Number**	2	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Conveyors Control	Void		

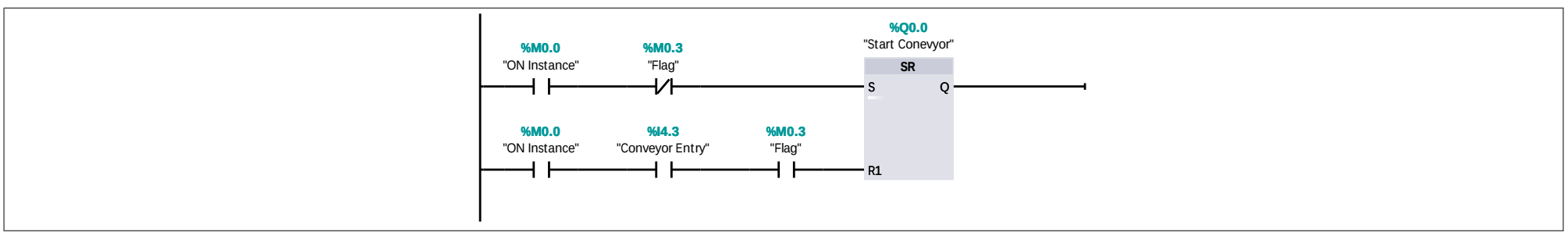
Network 1:



Network 2:



Network 3:



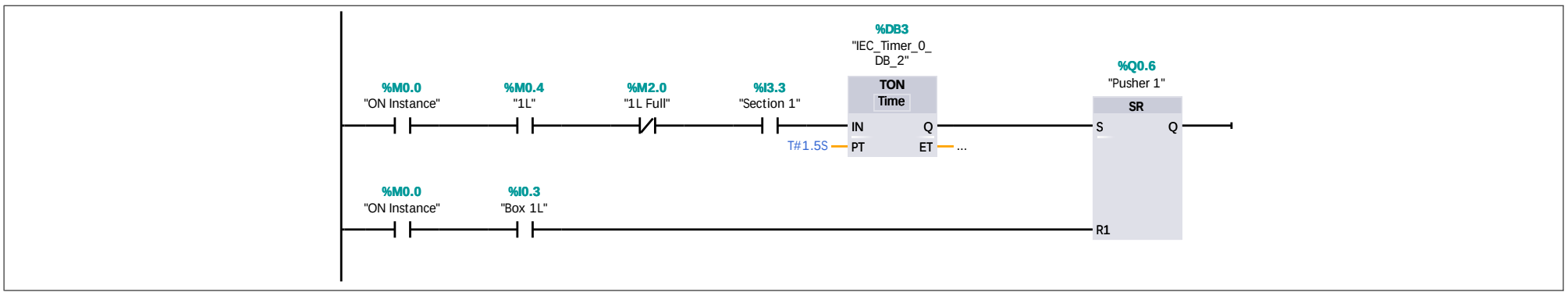
PLC_1 [CPU 1511-1 PN] / Program blocks

Pushing [FC3]

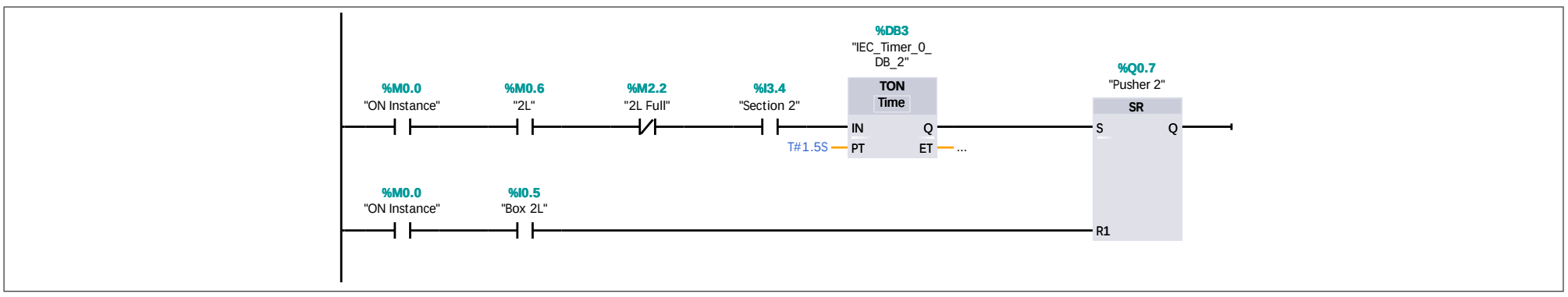
Pushing Properties							
General							
Name	Pushing	**Number**	3	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Pushing	Void		

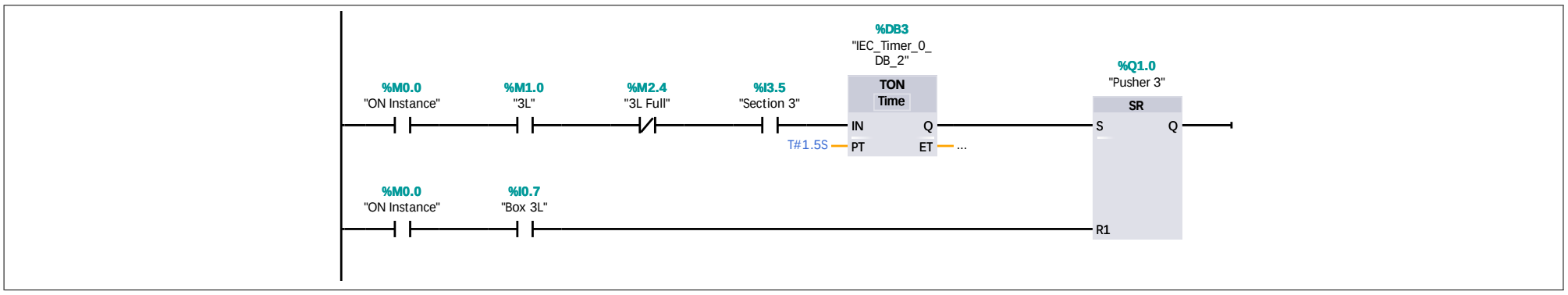
Network 1: Pusher 1



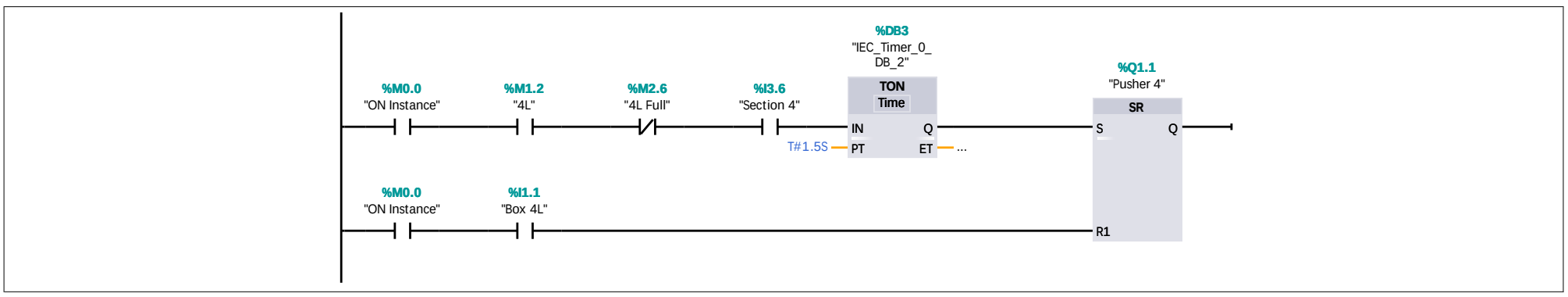
Network 2: Pusher 1



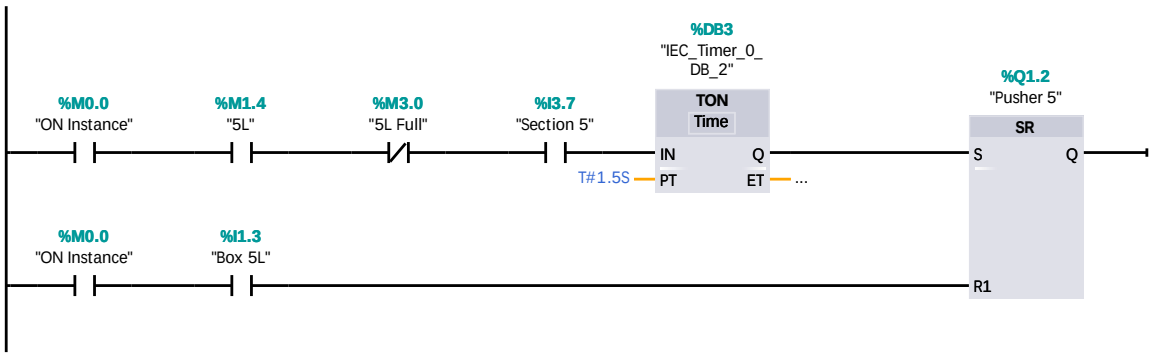
Network 3: Pusher 1



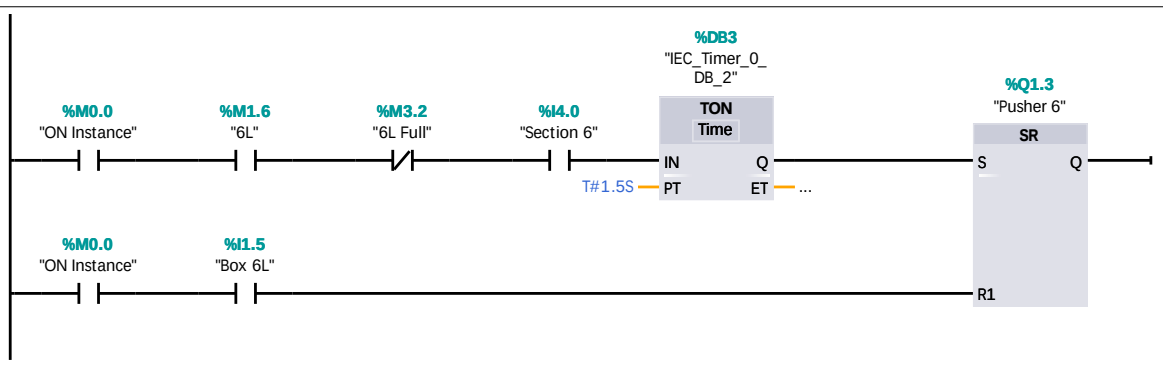
Network 4: Pusher 1



Network 5: Pusher 1



Network 6: Pusher 1



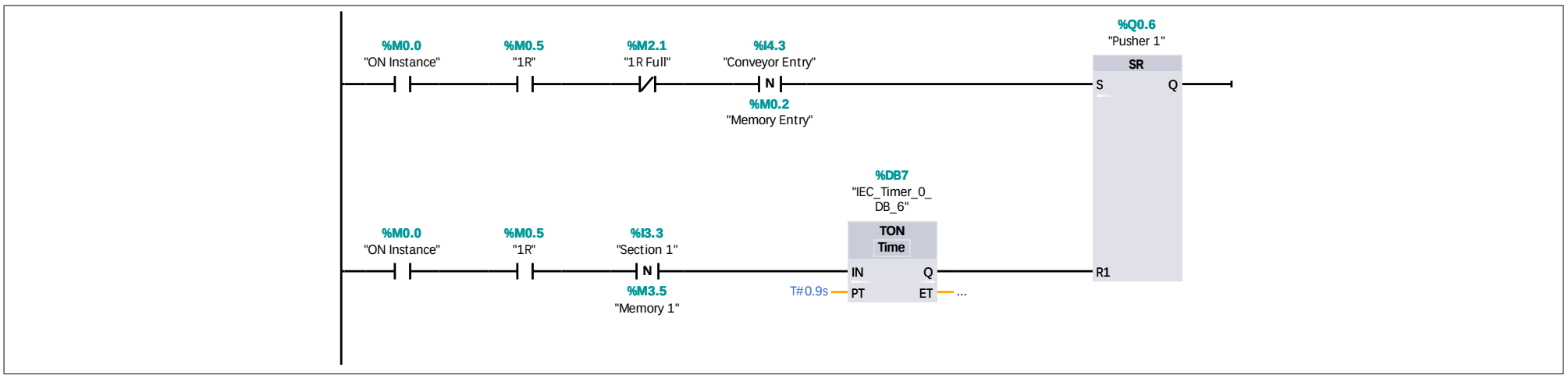
PLC_1 [CPU 1511-1 PN] / Program blocks

Retracting [FC5]

Retracting Properties							
General							
Name	Retracting	**Number**	5	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Retracting	Void		

Network 1:



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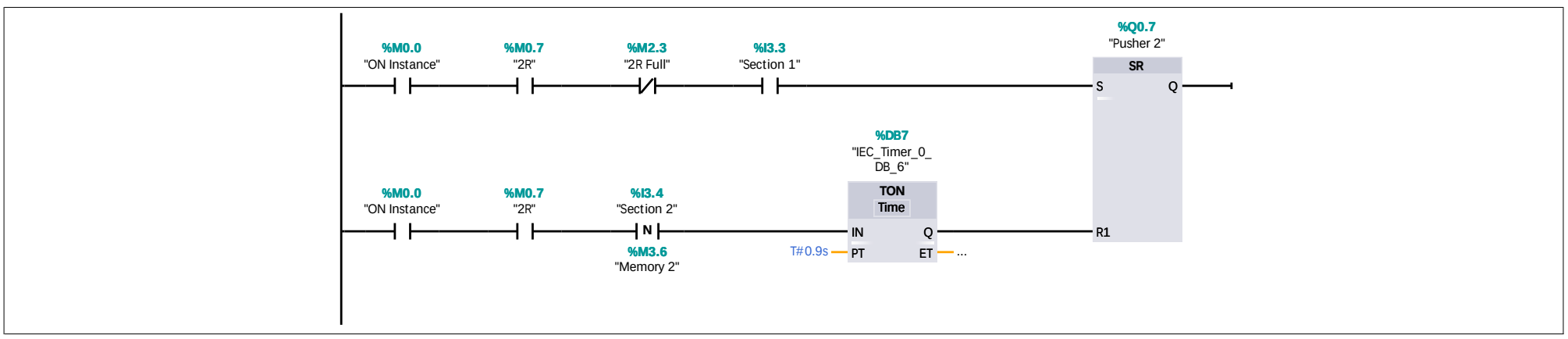
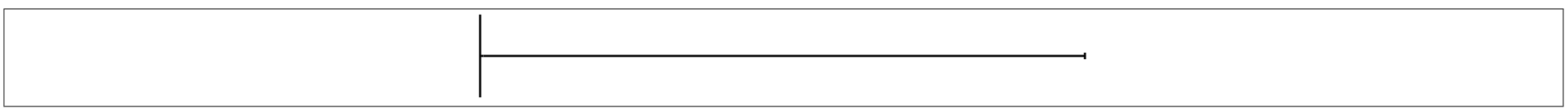
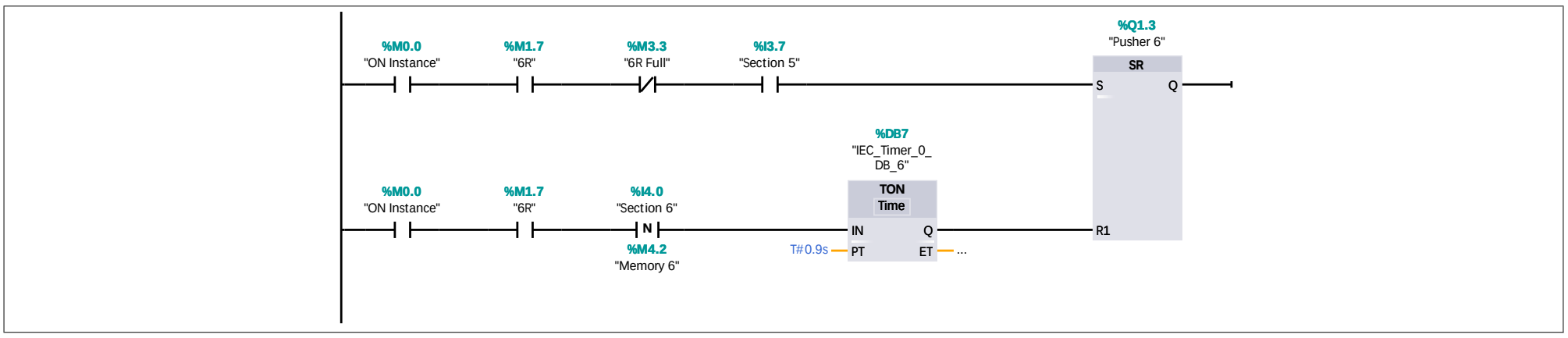


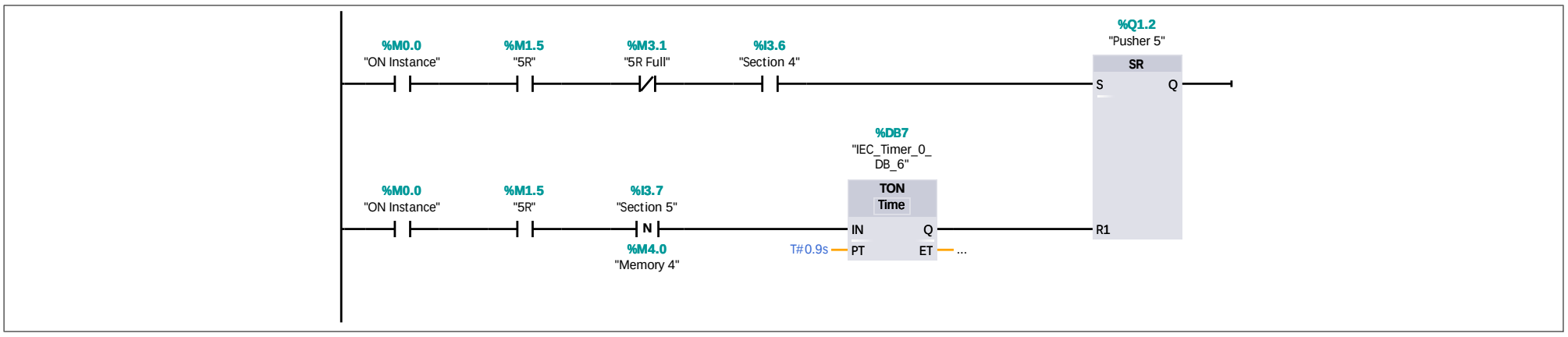
Network 3:



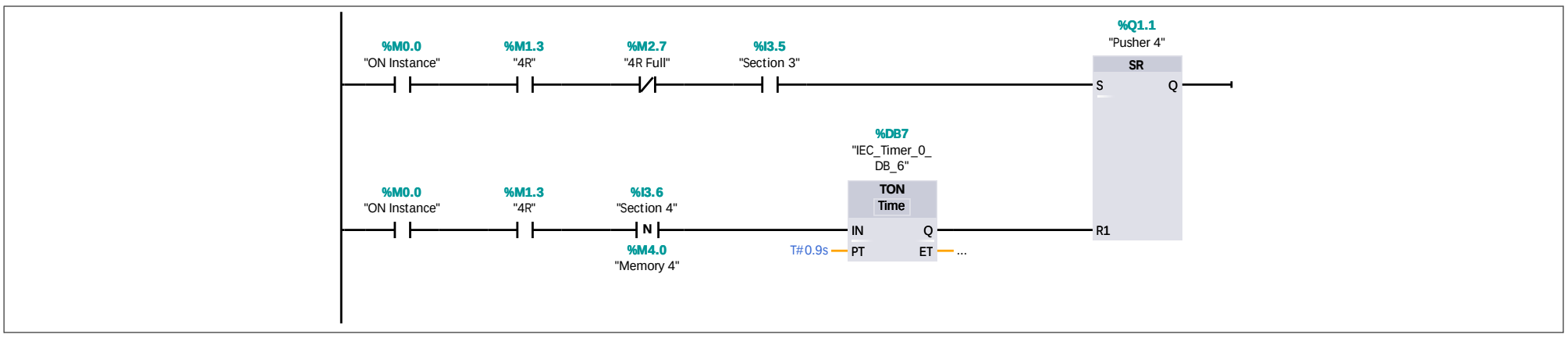
Network 4:



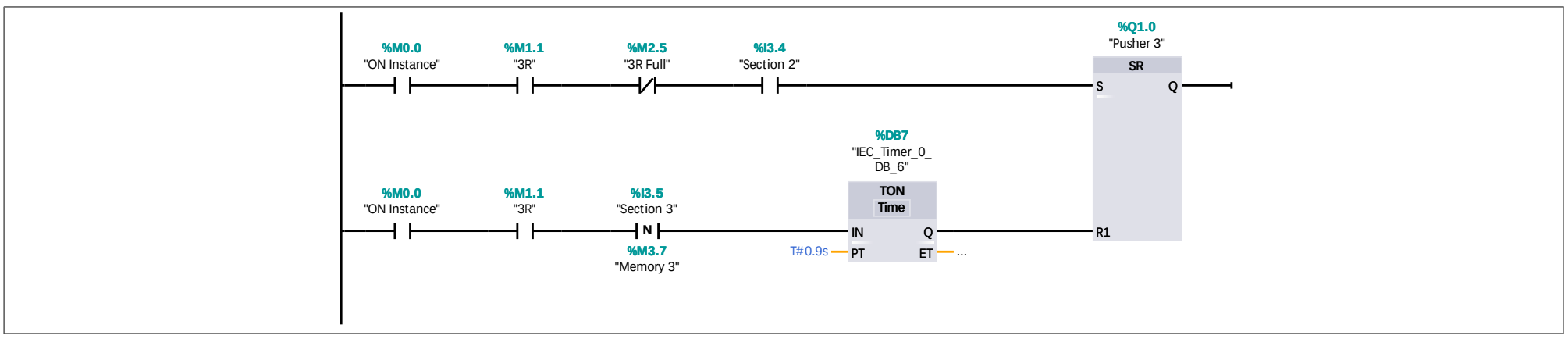
Network 5:



Network 6:



Network 7:



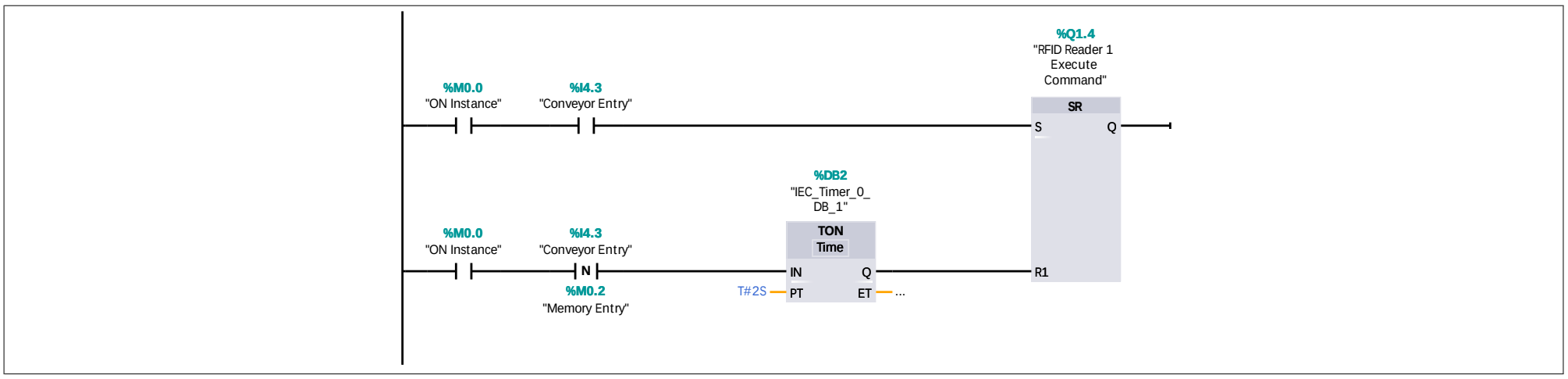
PLC_1 [CPU 1511-1 PN] / Program blocks

RFID Reader Set/Reset [FC4]

RFID Reader Set/Reset Properties							
General							
Name	RFID Reader Set/Reset	**Number**	4	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
RFID Reader Set/Reset	Void		

Network 1:



PLC_1 [CPU 1511-1 PN] / Program blocks

RFID Reader Setting [FC7]

RFID Reader Setting Properties							
General							
Name	RFID Reader Setting	**Number**	7	**Type**	FC	**Language**	SCL
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
RFID Reader Setting	Void		

```
0001   IF "ON Instance" THEN
0002     "RFID Reader 1 Command" := 1;
0003   END_IF;
0004
```

Symbol	Address	Type	Comment
"ON Instance"	%M0.0	Bool	
"RFID Reader 1 Command"	%QD1	DInt	

PLC_1 [CPU 1511-1 PN] / Program blocks

RFID Reading [FC8]

RFID Reading Properties							
General							
Name	RFID Reading	**Number**	8	**Type**	FC	**Language**	SCL
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
▼ Input			
RFIDRead	DInt		
Output			
InOut			
▼ Temp			
RESIDUE	DInt		Variable to check whether RFID is odd or even
PENULT	DInt		Penultimate number of box's RFID (to trigger needed cylinder)
CONTAINER	DInt		Variable top store RFID divided by ten
Constant			
▼ Return			
RFID Reading	Void		

```
0001 #RESIDUE := #RFIDRead MOD 2;
0002 #CONTAINER := #RFIDRead/10;
0003 #PENULT := #CONTAINER MOD 10;
0004
0005
0006 IF #RESIDUE = 1 AND #PENULT =1 THEN
0007   "1L" := TRUE;
0008   "Flag" := TRUE;
0009 END_IF;
0010 IF #RESIDUE = 0 AND #PENULT = 1 THEN
0011   "1R" := TRUE;
0012   "Flag" := TRUE;
0013 END_IF;
0014 IF #RESIDUE = 1 AND #PENULT = 2 THEN
0015   "2L" := TRUE;
0016   "Flag" := TRUE;
0017 END_IF;
0018 IF #RESIDUE = 0 AND #PENULT = 2 THEN
0019   "2R" := TRUE;
0020   "Flag" := TRUE;
0021 END_IF;
0022 IF #RESIDUE = 1 AND #PENULT = 3 THEN
0023   "3L" := TRUE;
0024 END_IF;
0025 IF #RESIDUE = 0 AND #PENULT = 3 THEN
0026   "3R" := TRUE;
0027   "Flag" := TRUE;
0028 END_IF;
0029 IF #RESIDUE = 1 AND #PENULT = 4 THEN
0030   "4L" := TRUE;
0031   "Flag" := TRUE;
0032 END_IF;
0033 IF #RESIDUE = 0 AND #PENULT = 4 THEN
0034   "4R" := TRUE;
0035   "Flag" := TRUE;
0036 END_IF;
0037 IF #RESIDUE = 1 AND #PENULT = 5 THEN
0038   "5L" := TRUE;
0039   "Flag" := TRUE;
0040 END_IF;
0041 IF #RESIDUE = 0 AND #PENULT = 5 THEN
0042   "5R" := TRUE;
0043   "Flag" := TRUE;
0044 END_IF;
0045 IF #RESIDUE = 1 AND #PENULT = 6 THEN
0046   "6L" := TRUE;
0047   "Flag" := TRUE;
0048 END_IF;
0049 IF #RESIDUE = 0 AND #PENULT = 6 THEN
0050   "6R" := TRUE;
0051   "Flag" := TRUE;
0052 END_IF;
0053 IF (#PENULT = 7 OR #PENULT = 8) OR (#PENULT = 9 OR #PENULT = 0) THEN
0054   "Flag" := TRUE;
0055 END_IF;
0056
0057
```

Symbol	Address	Type	Comment
"1L"	%M0.4	Bool	

Symbol	Address	Type	Comment
"1R"	%M0.5	Bool	
"2L"	%M0.6	Bool	
"2R"	%M0.7	Bool	
"3L"	%M1.0	Bool	
"3R"	%M1.1	Bool	
"4L"	%M1.2	Bool	
"4R"	%M1.3	Bool	
"5L"	%M1.4	Bool	
"5R"	%M1.5	Bool	
"6L"	%M1.6	Bool	
"6R"	%M1.7	Bool	
"Flag"	%M0.3	Bool	
#CONTAINER		DInt	Variable top store RFID divided by ten
#PENULT		DInt	Penultimate number of box's RFID (to trigger needed cylinder)
#RESIDUE		DInt	Variable to check whether RFID is odd or even
#RFIDRead		DInt	

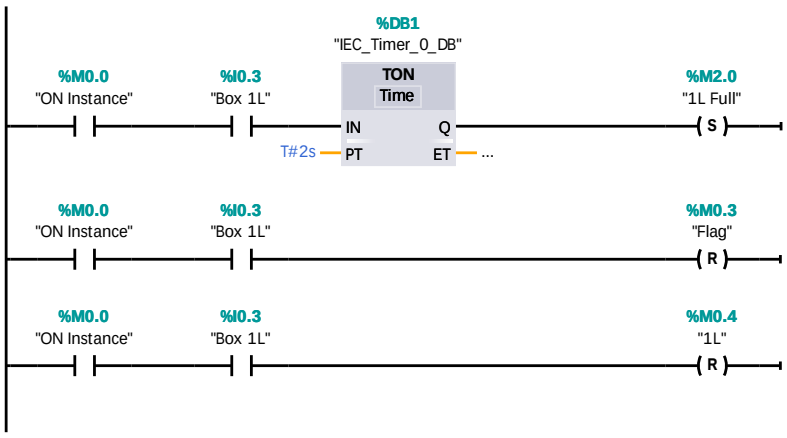
PLC_1 [CPU 1511-1 PN] / Program blocks

Boxes Check [FC6]

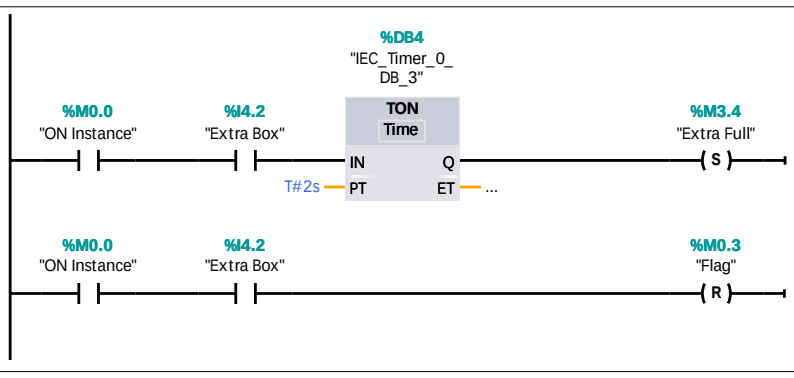
Boxes Check Properties							
General							
Name	Boxes Check	**Number**	6	**Type**	FC	**Language**	LAD
Numbering	Automatic						
Information							
Title		**Author**		**Comment**		**Family**	
Version	0.1	**User-defined ID**					

Name	Data type	Default value	Comment
Input			
Output			
InOut			
Temp			
Constant			
▼ Return			
Boxes Check	Void		

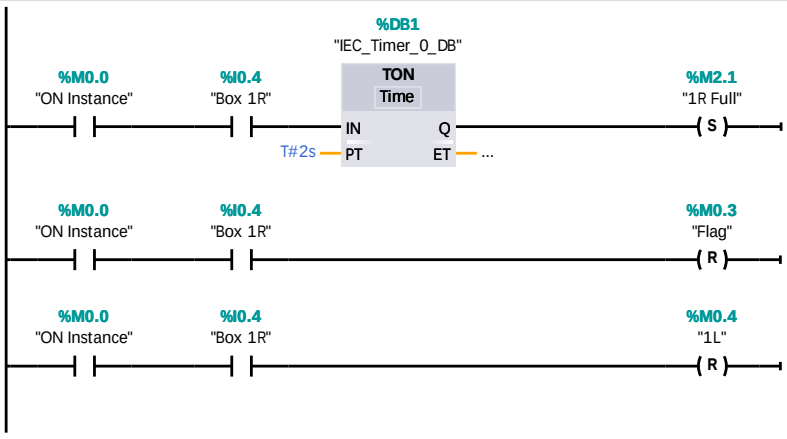
Network 1:



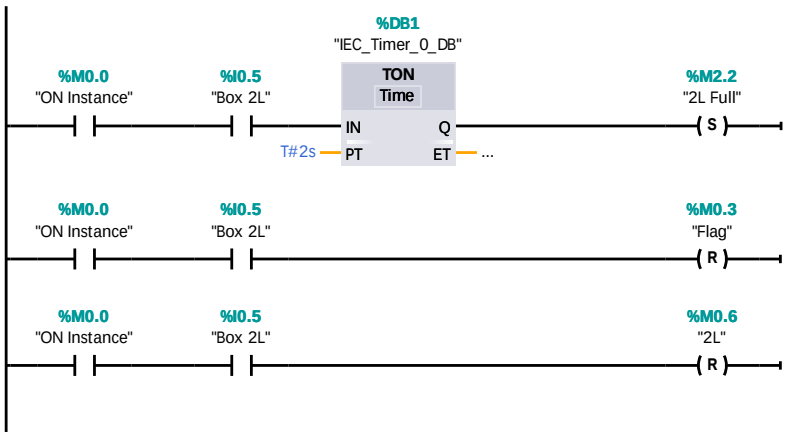
Network 2:



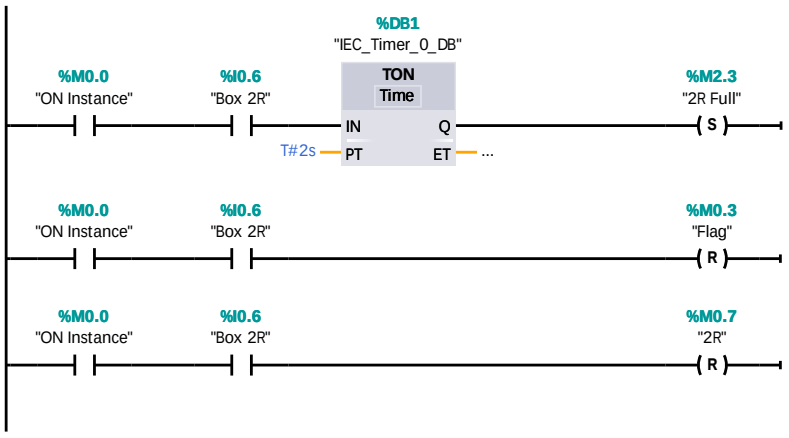
Network 3:



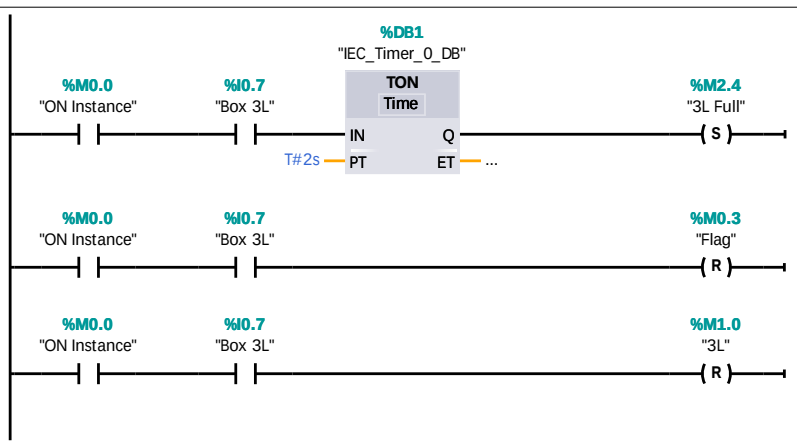
Network 4:



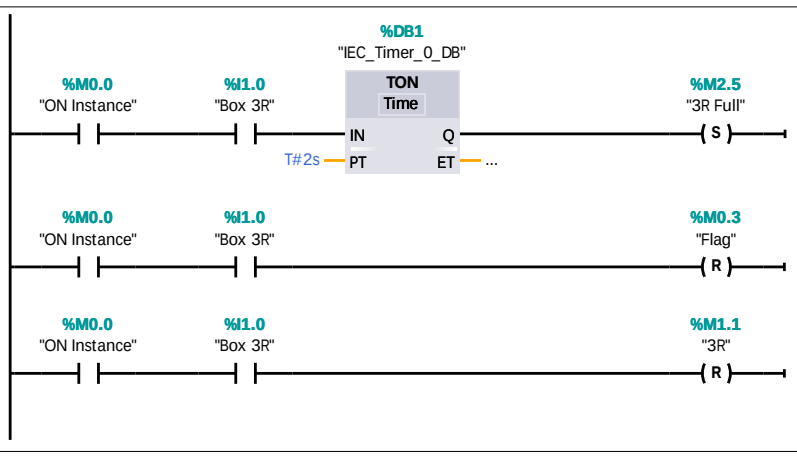
Network 5:



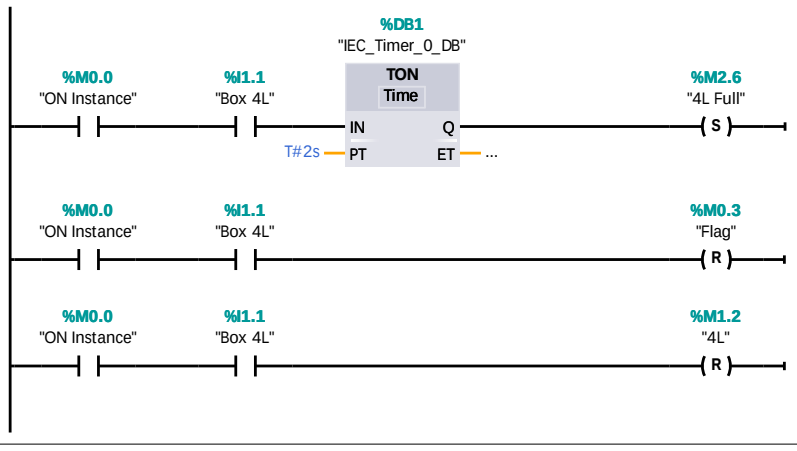
Network 6:



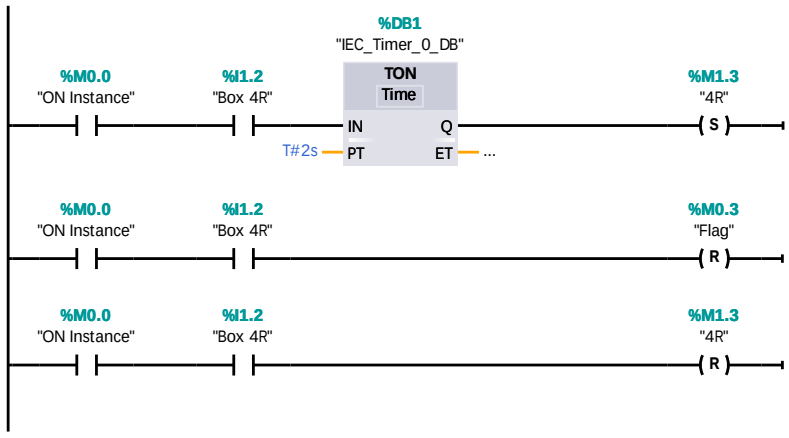
Network 7:



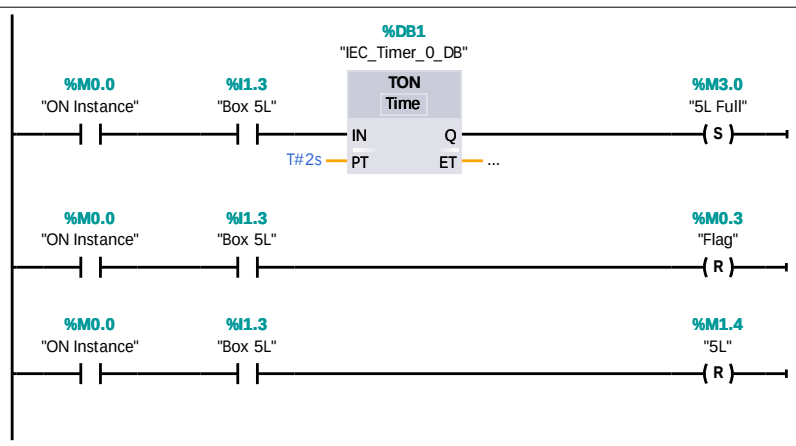
Network 8:



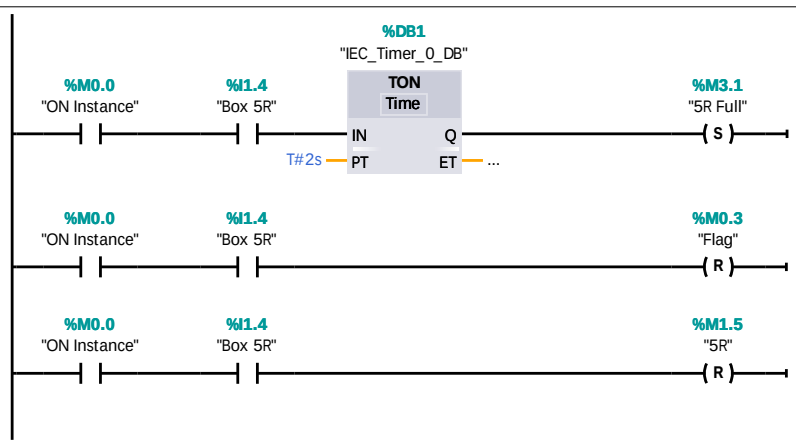
Network 9:



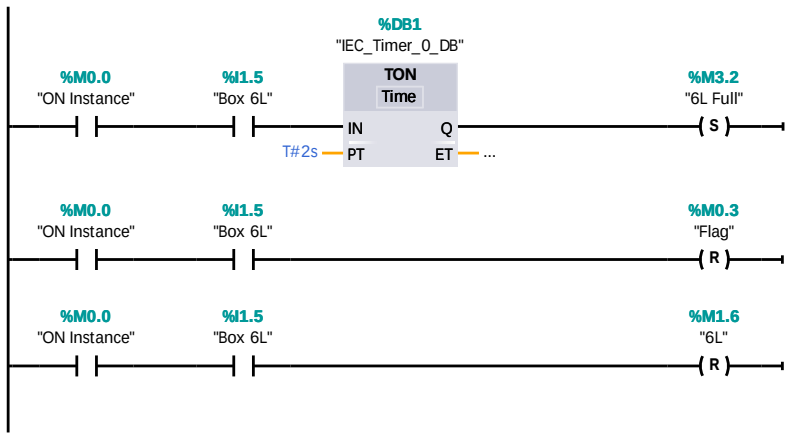
Network 10:



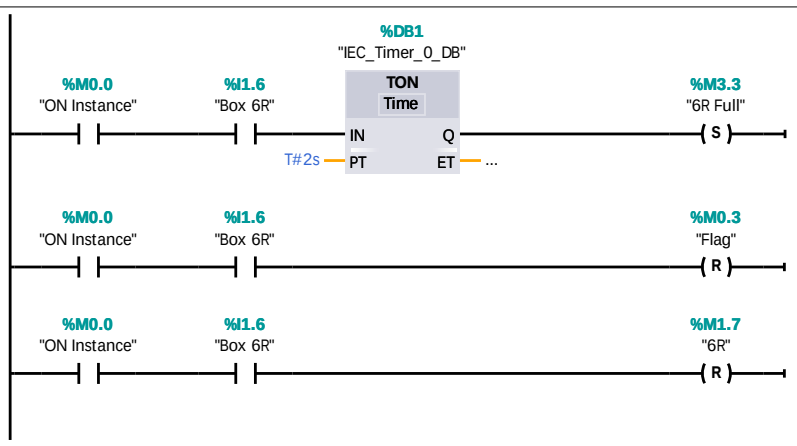
Network 11:



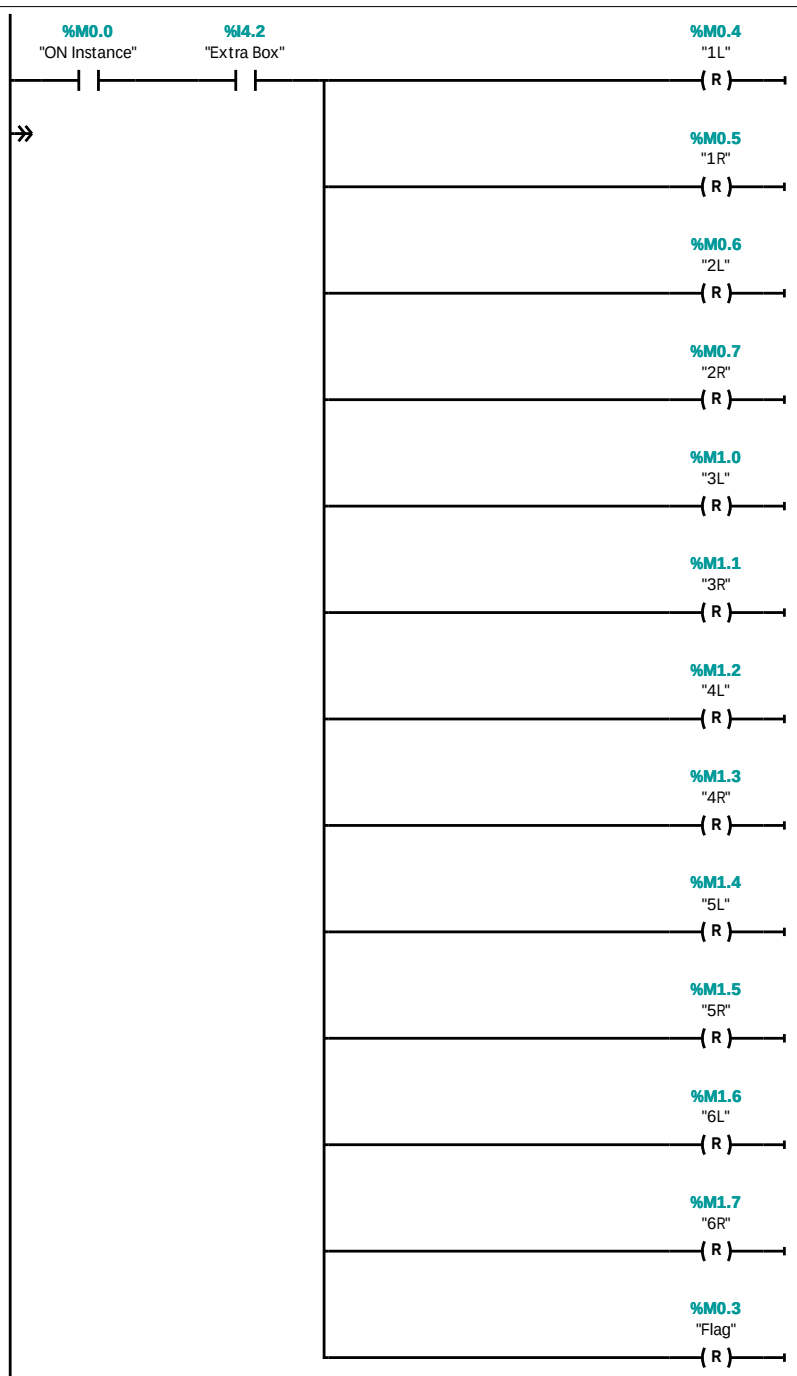
Network 12:



Network 13:



Network 14:



PLC_1 [CPU 1511-1 PN] / 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		

PLC_1 [CPU 1511-1 PN] / 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		

PLC_1 [CPU 1511-1 PN] / 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		

PLC_1 [CPU 1511-1 PN] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_3 [DB4]

IEC_Timer_0_DB_3 Properties							
General							
Name	IEC_Timer_0_DB_3	**Number**	4	**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		

PLC_1 [CPU 1511-1 PN] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_4 [DB5]

IEC_Timer_0_DB_4 Properties							
General							
Name	IEC_Timer_0_DB_4	**Number**	5	**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		

PLC_1 [CPU 1511-1 PN] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_5 [DB6]

IEC_Timer_0_DB_5 Properties							
General							
Name	IEC_Timer_0_DB_5	**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	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		

PLC_1 [CPU 1511-1 PN] / Program blocks / System blocks / Program resources

IEC_Timer_0_DB_6 [DB7]

IEC_Timer_0_DB_6 Properties							
General							
Name	IEC_Timer_0_DB_6	**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		

PLC_1 [CPU 1511-1 PN]

Technology objects

This folder is empty.

PLC_1 [CPU 1511-1 PN] / PLC tags / Standard-Variablentabelle [135]

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
	Start Conevyor	Bool	%Q0.0	False	True	True	True		
	ON Instance	Bool	%M0.0	False	True	True	True		
	Mainline 1	Bool	%Q0.2	False	True	True	True		
	Mainline 2	Bool	%Q0.3	False	True	True	True		
	Pusher 1	Bool	%Q0.6	False	True	True	True		
	Start Button	Bool	%I0.0	False	True	True	True		
	Stop Button	Bool	%I0.1	False	True	True	True		
	Emergency Stop	Bool	%I0.2	False	True	True	True		
	RFID Reader 1 Read Data	DInt	%ID1	False	True	True	True		
	Pusher 1 Front	Bool	%I1.7	False	True	True	True		
	Pusher 2	Bool	%Q0.7	False	True	True	True		
	Pusher 3	Bool	%Q1.0	False	True	True	True		
	Pusher 4	Bool	%Q1.1	False	True	True	True		
	Pusher 5	Bool	%Q1.2	False	True	True	True		
	Pusher 6	Bool	%Q1.3	False	True	True	True		
	RFID Reader 1 Execute Command	Bool	%Q1.4	False	True	True	True		
	Stack Light Red	Bool	%Q1.5	False	True	True	True		
	Stack Light Green	Bool	%Q1.6	False	True	True	True		
	Stack Light Yellow	Bool	%Q1.7	False	True	True	True		
	RFID Reader 1 Command	DInt	%QD1	False	True	True	True		
	Box 1L	Bool	%I0.3	False	True	True	True		
	Box 1R	Bool	%I0.4	False	True	True	True		
	Box 2L	Bool	%I0.5	False	True	True	True		
	Box 2R	Bool	%I0.6	False	True	True	True		
	Box 3L	Bool	%I0.7	False	True	True	True		
	Box 3R	Bool	%I1.0	False	True	True	True		
	Box 4L	Bool	%I1.1	False	True	True	True		
	Box 4R	Bool	%I1.2	False	True	True	True		
	Box 5L	Bool	%I1.3	False	True	True	True		
	Box 5R	Bool	%I1.4	False	True	True	True		
	Box 6L	Bool	%I1.5	False	True	True	True		
	Box 6R	Bool	%I1.6	False	True	True	True		
	Pusher 1 Back	Bool	%I2.0	False	True	True	True		
	Pusher 2 Front	Bool	%I2.1	False	True	True	True		
	Pusher 2 Back	Bool	%I2.2	False	True	True	True		
	Pusher 3 Front	Bool	%I2.3	False	True	True	True		
	Pusher 3 Back	Bool	%I2.4	False	True	True	True		
	Pusher 4 Front	Bool	%I2.5	False	True	True	True		
	Pusher 4 Back	Bool	%I2.6	False	True	True	True		
	Pusher 5 Front	Bool	%I2.7	False	True	True	True		
	Pusher 5 Back	Bool	%I3.0	False	True	True	True		
	Pusher 6 Front	Bool	%I3.1	False	True	True	True		
	Pusher 6 Back	Bool	%I3.2	False	True	True	True		
	Section 1	Bool	%I3.3	False	True	True	True		
	Section 2	Bool	%I3.4	False	True	True	True		
	Section 3	Bool	%I3.5	False	True	True	True		
	Section 4	Bool	%I3.6	False	True	True	True		
	Section 5	Bool	%I3.7	False	True	True	True		
	Section 6	Bool	%I4.0	False	True	True	True		
	Reset Button	Bool	%I4.1	False	True	True	True		
	Extra Box	Bool	%I4.2	False	True	True	True		
	Memory Entry	Bool	%M0.2	False	True	True	True		
	Conveyor Entry	Bool	%I4.3	False	True	True	True		
	Flag	Bool	%M0.3	False	True	True	True		
	1L	Bool	%M0.4	False	True	True	True		
	1R	Bool	%M0.5	False	True	True	True		

	Name	Data type	Address	Retain	Accessible from HMI/OPC UA	Writable from HMI/OPC UA	Visible in HMI engineering	Supervision	Comment
	2L	Bool	%M0.6	False	True	True	True		
	2R	Bool	%M0.7	False	True	True	True		
	3L	Bool	%M1.0	False	True	True	True		
	3R	Bool	%M1.1	False	True	True	True		
	4L	Bool	%M1.2	False	True	True	True		
	4R	Bool	%M1.3	False	True	True	True		
	5L	Bool	%M1.4	False	True	True	True		
	5R	Bool	%M1.5	False	True	True	True		
	6L	Bool	%M1.6	False	True	True	True		
	6R	Bool	%M1.7	False	True	True	True		
	1L Full	Bool	%M2.0	False	True	True	True		
	1R Full	Bool	%M2.1	False	True	True	True		
	2L Full	Bool	%M2.2	False	True	True	True		
	2R Full	Bool	%M2.3	False	True	True	True		
	3L Full	Bool	%M2.4	False	True	True	True		
	3R Full	Bool	%M2.5	False	True	True	True		
	4L Full	Bool	%M2.6	False	True	True	True		
	4R Full	Bool	%M2.7	False	True	True	True		
	5L Full	Bool	%M3.0	False	True	True	True		
	5R Full	Bool	%M3.1	False	True	True	True		
	6L Full	Bool	%M3.2	False	True	True	True		
	6R Full	Bool	%M3.3	False	True	True	True		
	Extra Full	Bool	%M3.4	False	True	True	True		
	Memory 1	Bool	%M3.5	False	True	True	True		
	Memory 2	Bool	%M3.6	False	True	True	True		
	Memory 3	Bool	%M3.7	False	True	True	True		
	Memory 4	Bool	%M4.0	False	True	True	True		
	Memory 5	Bool	%M4.1	False	True	True	True		
	Memory 6	Bool	%M4.2	False	True	True	True		

PLC_1 [CPU 1511-1 PN] / PLC tags / Standard-Variablentabelle [135]

User constants

User constants				
	Name	Data type	Value	Comment

PLC_1 [CPU 1511-1 PN] / PLC data types

System data types

This folder is empty.

PLC_1 [CPU 1511-1 PN] / Watch and force tables

Forcetabelle

Name	Address	Display format	Force value	Comment

PLC_1 [CPU 1511-1 PN]

Traces

Name

PLC_1 [CPU 1511-1 PN] / Traces

Measurements

This folder is empty.

PLC_1 [CPU 1511-1 PN] / Traces

Combined measurements

Name

PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

PLC supervisions

This folder is empty.

PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

PLC alarms

PLC alarms
No entries

PLC_1 [CPU 1511-1 PN] / PLC supervisions & alarms

System alarms

System alarms			
Name	SDIAG_ALCAT_CPU_INFO_MSG_000F	**Type**	PLC alarm
ID	1	**Location**	PLC_1
Alarm text	CPU info: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0010	**Type**	PLC alarm
ID	2	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_ERR_MSG_0110	**Type**	PLC alarm
ID	3	**Location**	PLC_1
Alarm text	CPU error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0011	**Type**	PLC alarm
ID	4	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MD_MSG_0111	**Type**	PLC alarm
ID	5	**Location**	PLC_1
Alarm text	CPU maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0012	**Type**	PLC alarm
ID	6	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W%t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM

Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_MR_MSG1_0112	**Type**	PLC alarm
ID	7	**Location**	PLC_1
Alarm text	CPU maintenance required: @1W%t#7W@ @6W %t#257K@ / @5W%t#7W@ @6W%t#258K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_TMPERR_MSG_0013	**Type**	PLC alarm
ID	8	**Location**	PLC_1
Alarm text	Temporary CPU error: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0004	**Type**	PLC alarm
ID	9	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_RACK_MSG_0104	**Type**	PLC alarm
ID	10	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0005	**Type**	PLC alarm
ID	11	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_DEVICE_MSG_0105	**Type**	PLC alarm
ID	12	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

Name	SDIAG_ALCAT_IOSYSTEM_MSG_0006	**Type**	PLC alarm
ID	13	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_IOSYSTEM_MSG_0106	**Type**	PLC alarm
ID	14	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#276K@ @6W %t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0003	**Type**	PLC alarm
ID	15	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_MODUL_MSG_0103	**Type**	PLC alarm
ID	16	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUBMODUL_MSG_0002	**Type**	PLC alarm
ID	17	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUBMODUL_MSG_0102	**Type**	PLC alarm
ID	18	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_000D	**Type**	PLC alarm
ID	19	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@

Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CPU_OST_MSG_010D	**Type**	PLC alarm
ID	20	**Location**	PLC_1
Alarm text	CPU status message: @1W%t#7W@ @5W%t#7W@ @6W %t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W %t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_00FF	**Type**	PLC alarm
ID	21	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_PLC_MSG_01FF	**Type**	PLC alarm
ID	22	**Location**	PLC_1
Alarm text	PLC notification: @1W%t#7W@ @5W%t#7W@ @6W %t#256K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_REPORT_0029	**Type**	PLC alarm
ID	23	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_USER_MSG_0080	**Type**	PLC alarm
ID	24	**Location**	PLC_1
Alarm text	User message: @1W%t#2W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_MSG_005E	**Type**	PLC alarm
ID	25	**Location**	PLC_1
Alarm text	Security event: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	

Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SECU_EV_INFO_005F	**Type**	PLC alarm
ID	26	**Location**	PLC_1
Alarm text	Security information: @1W%t#7W@ @5W%t#7W@ @6W %t#258K@ @6W%t#262K@ @6W%t#263K@ @8W %t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	Security
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_001E	**Type**	PLC alarm
ID	27	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_ERR_MSG_011E	**Type**	PLC alarm
ID	28	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0021	**Type**	PLC alarm
ID	29	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MD_MSG_0121	**Type**	PLC alarm
ID	30	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0024	**Type**	PLC alarm
ID	31	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	

Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_SUB_MR_MSG_0124	**Type**	PLC alarm
ID	32	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0015	**Type**	PLC alarm
ID	33	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_ERR_MSG_0115	**Type**	PLC alarm
ID	34	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ on @8W%t#280K@ @6W %t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0018	**Type**	PLC alarm
ID	35	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W %t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MD_MSG_0118	**Type**	PLC alarm
ID	36	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ on @8W %t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_001B	**Type**	PLC alarm
ID	37	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W %t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	

Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CH_MR_MSG_011B	**Type**	PLC alarm
ID	38	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0028	**Type**	PLC alarm
ID	39	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_CONFIG_INFO_0128	**Type**	PLC alarm
ID	40	**Location**	PLC_1
Alarm text	Info: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ @6W%t#262K@ @6W%t#263K@ @8W%t#7W@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_ERR_MSG_001F	**Type**	PLC alarm
ID	41	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_ERR_MSG_011F	**Type**	PLC alarm
ID	42	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0022	**Type**	PLC alarm
ID	43	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MD_MSG_0122	**Type**	PLC alarm

ID	44	**Location**	PLC_1
Alarm text	Maintenance demanded: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0025	**Type**	PLC alarm
ID	45	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ESUB_MR_MSG_0125	**Type**	PLC alarm
ID	46	**Location**	PLC_1
Alarm text	Maintenance required: @1W%t#7W@ - @5W%t#7W@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_ERR_MSG_0016	**Type**	PLC alarm
ID	47	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_ERR_MSG_0116	**Type**	PLC alarm
ID	48	**Location**	PLC_1
Alarm text	Error: @1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0019	**Type**	PLC alarm
ID	49	**Location**	PLC_1
Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W%t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W%t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MD_MSG_0119	**Type**	PLC alarm
ID	50	**Location**	PLC_1

Alarm text	Maintenance demanded:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W %t#258K@.@6W%t#259K@ @6W%t#262K@ @6W %t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_001C	**Type**	PLC alarm
ID	51	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	True	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	
Name	SDIAG_ALCAT_ECH_MR_MSG_011C	**Type**	PLC alarm
ID	52	**Location**	PLC_1
Alarm text	Maintenance required:@1W%t#7W@ - @5W%t#7W@ on @8W%t#280K@ @6W%t#257K@ / @6W%t#258K@.@6W %t#259K@ @6W%t#262K@ @6W%t#263K@	**Info text**	Short name: @6W%t#260K@ Order number: @6W %t#265K@
Alarm class	No Acknowledgement	**Acknowledgment**	False
Information only	False	**Priority**	0
Report	False	**Created by**	System diagnostics
Date created	4/7/2016 4:25 PM	**Last change**	3/24/2021 7:06 PM
Group ID	0	**Additional text 1**	
Additional text 2		**Additional text 3**	
Additional text 4		**Additional text 5**	
Additional text 6		**Additional text 7**	
Additional text 8		**Additional text 9**	

PLC_1 [CPU 1511-1 PN]

PLC alarm text lists

This folder is empty.

PLC_1 [CPU 1511-1 PN] / Local modules

AI 8xU/I/RTD/TC ST_1

AI 8xU/I/RTD/TC ST_1					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_1	**Author**	TW	**Comment**	
Rack	0	**Slot**	2		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2016-10-13 12:02:20.403
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_1	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	0	**End address**	15	**Organization block**	65535
Process image	65535				

PLC_1 [CPU 1511-1 PN] / Local modules

AI 8xU/I/RTD/TC ST_2

AI 8xU/I/RTD/TC ST_2					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_2	**Author**	TW	**Comment**	
Rack	0	**Slot**	3		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2016-10-13 12:02:27.693
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_2	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	16	**End address**	31	**Organization block**	65535
Process image	65535				

PLC_1 [CPU 1511-1 PN] / Local modules

AI 8xU/I/RTD/TC ST_3

AI 8xU/I/RTD/TC ST_3					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_3	**Author**	TW	**Comment**	
Rack	0	**Slot**	4		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2016-10-13 12:02:31.583
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_3	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	32	**End address**	47	**Organization block**	65535
Process image	65535				

PLC_1 [CPU 1511-1 PN] / Local modules

AI 8xU/I/RTD/TC ST_4

AI 8xU/I/RTD/TC ST_4					
General\Project information					
Name	AI 8xU/I/RTD/TC ST_4	**Author**	TW	**Comment**	
Rack	0	**Slot**	5		
General\Catalog information					
Short designation	AI 8xU/I/RTD/TC ST	**Description**	Analog input module AI8 x U/I/RTD/TC 16-bit; grouping 8; 4 channels with RTD measurement; common mode voltage 10 V; configurable diagnostics; hardware interrupts	**Article number**	6ES7 531-7KF00-0AB0
Firmware version	V2.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2016-10-13 12:02:34.133
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Module parameters\Channel template\Inputs\Apply to all channels that use the template\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Module parameters\AI configuration\Configuration of submodules					
Module distribution	None				
Module parameters\AI configuration\Value status (Quality Information)					
Value status	False				
Module parameters\AI configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 7\General					
Name	AI 8xU/I/RTD/TC ST_4	**Comment**			
Input 0 - 7\Inputs\Channel 0					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 0\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 0\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49272	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne0**	UpperLimitOne0	**Channel number**	0
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49288	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne0**	LowerLimitOne0	**Channel number**	0
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49264	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo0**	UpperLimitTwo0	**Channel number**	0
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 0\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49280	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo0**	LowerLimitTwo0	**Channel number**	0
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 1					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 1\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False

Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 1\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49273	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne1**	UpperLimitOne1	**Channel number**	1
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49289	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne1**	LowerLimitOne1	**Channel number**	1
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49265	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo1**	UpperLimitTwo1	**Channel number**	1
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 1\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49281	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo1**	LowerLimitTwo1	**Channel number**	1
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 2					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 2\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 2\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49274	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne2**	UpperLimitOne2	**Channel number**	2
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49290	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne2**	LowerLimitOne2	**Channel number**	2
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49266	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo2**	UpperLimitTwo2	**Channel number**	2
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 2\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49282	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo2**	LowerLimitTwo2	**Channel number**	2
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 3					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 3\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 3\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	

Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49275	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne3**	UpperLimitOne3	**Channel number**	3
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49291	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne3**	LowerLimitOne3	**Channel number**	3
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49267	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo3**	UpperLimitTwo3	**Channel number**	3
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 3\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49283	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo3**	LowerLimitTwo3	**Channel number**	3
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 4					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 4\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 4\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49276	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne4**	UpperLimitOne4	**Channel number**	4
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49292	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne4**	LowerLimitOne4	**Channel number**	4
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49268	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo4**	UpperLimitTwo4	**Channel number**	4
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 4\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49284	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo4**	LowerLimitTwo4	**Channel number**	4
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 5					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 5\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 5\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					

Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49277	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne5**	UpperLimitOne5	**Channel number**	5
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49293	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne5**	LowerLimitOne5	**Channel number**	5
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49269	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo5**	UpperLimitTwo5	**Channel number**	5
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 5\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49285	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo5**	LowerLimitTwo5	**Channel number**	5
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 6					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 6\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 6\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49278	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne6**	UpperLimitOne6	**Channel number**	6
HwEventTypeLimit1Overrun	4				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49294	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne6**	LowerLimitOne6	**Channel number**	6
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49270	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo6**	UpperLimitTwo6	**Channel number**	6
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 6\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49286	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo6**	LowerLimitTwo6	**Channel number**	6
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel 7					
Parameter settings	From template				
Input 0 - 7\Inputs\Channel 7\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Common mode error	False	**Reference junction**	False	**Wire break**	False
Current limit for wire break diagnostics					
Input 0 - 7\Inputs\Channel 7\Measuring					
Measurement type	Voltage	**Measuring range**	+/- 10V	**Temperature coefficient**	
Temperature unit		**Reference junction**		**Fixed reference temperature**	
Interference frequency suppression	50Hz	**Smoothing**	None		
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
High limit 1		**Low limit 1**		**High limit 2**	
Low limit 2					
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 1	0	**RidPrefixFallingEdgeEvent**	49279	**Event name:**	
Hardware interrupt:	0	**UpperLimitOne7**	UpperLimitOne7	**Channel number**	7
HwEventTypeLimit1Overrun	4				

Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 1	0	**RidPrefixFallingEdgeEvent**	49295	**Event name:**	
Hardware interrupt:	0	**LowerLimitOne7**	LowerLimitOne7	**Channel number**	7
HwEventTypeLimit1Underrun	3				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt high limit 2	0	**RidPrefixFallingEdgeEvent**	49271	**Event name:**	
Hardware interrupt:	0	**UpperLimitTwo7**	UpperLimitTwo7	**Channel number**	7
HwEventTypeLimit2Overrun	6				
Input 0 - 7\Inputs\Channel 7\Hardware interrupts					
Hardware interrupt low limit 2	0	**RidPrefixFallingEdgeEvent**	49287	**Event name:**	
Hardware interrupt:	0	**LowerLimitTwo7**	LowerLimitTwo7	**Channel number**	7
HwEventTypeLimit2Underrun	5				
Input 0 - 7\Inputs\Channel reference temperature\Diagnostics					
No supply voltage L+	False	**Overflow**	False	**Underflow**	False
Wire break	False				
Input 0 - 7\Inputs\Channel reference temperature\Measure					
Measurement type	Deactivated	**Measuring range**		**Temperature coefficient**	
Interference frequency suppression		**Smoothing**			
Input 0 - 7\I/O addresses\Input addresses					
Start address	48	**End address**	63	**Organization block**	65535
Process image	65535				

PLC_1 [CPU 1511-1 PN] / Local modules

DI 16x24VDC BA_1

DI 16x24VDC BA_1					
General\Project information					
Name	DI 16x24VDC BA_1	**Author**	TW	**Comment**	
Rack	0	**Slot**	6		
General\Catalog information					
Short designation	DI 16x24VDC BA	**Description**	Digital input module DI16 x 24VDC; grouping 16; input delay 3.2ms; input type 3 (IEC 61131)	**Article number**	6ES7 521-1BH10-0AA0
Firmware version	V1.0				
General\Identification & Maintenance					
Plant designation		**Location identifier**		**Installation date**	2017-04-06 11:38:09.714
Additional information					
Module parameters\General\Startup					
Comparison preset to actual module	From CPU				
Module parameters\DI Configuration\Configuration of submodules					
Module distribution	None				
Module parameters\DI Configuration\Value status (Quality Information)					
Value status	False				
Module parameters\DI Configuration\Copy of module for Shared Device (MSI)					
Copy of module:	None				
Input 0 - 15\General					
Name	DI 16x24VDC BA_1	**Comment**			
Input 0 - 15\Inputs\General\Module failure					
Input values with module failure	Input value 0				
Input 0 - 15\I/O addresses\Input addresses					
Start address	512.0	**End address**	513.7	**Organization block**	65535
Process image	65535				