

Project structure

Project : POMPGEB

- FBD:PLC1_Algemeen
- ST:Rapport2
- ST:Opstart_230VAC
- ST:Opstart_24vdc
- FBD:Communicatie
- FBD:Analoog
- FBD:Digitaal
- FBD:Water_op_vloer
- ST:Leidingkarakteristiek
- ST:Circutor_comm
- FBD:Paneel
- FBD:Alarmen_primair
- FBD:Alarmen_secundair
- FBD:Alarmen_LOP_secundair
- FBD:Alarmen_LOP_primair
- FBD:Alarm_scada
- FBD:MBU_alarmeren
- FBD:Pompenregeling_Matrix
- FBD:Matrix_extra
- FBD:Modbus_com
- FBD:Pompenregeling_vaste_pompen
- FBD:Pompenregeling_staptijd
- FBD:Pompenregeling_bep_regel_res
- FBD:Pompenregeling_reserve
- FBD:Pompenregeling_bep_stap_mat
- FBD:DistributieDebietMetingen
- ST:Rapportage
- ST:Rapport_dag
- ST:Rapport_week
- ST:Rapport_maand
- ST:Rapport_jaar
- FBD:Pompenregeling_aanst
- FBD:Pompen_fase2
- FBD:cvm60
- FBD:CVM64
- FBD:CVM66
- FBD:CVM67
- FBD:CVM69
- FBD:CVM72
- FBD:CVM74
- FBD:Kleppen

PLC - Configuration

PLC Selection

PLC Type	140 CPU 434 12
Exec Id	883
Memory Size	64 K logic
Extended Memory	96K
IEC Runtime	Enabled
IEC Usable Memory Size	892

PLC Memory Partition

Coils (0x)	3200	000001-003200
Discrete Inputs (1x)	6400	100001-106400
Input registers (3x)	3200	300001-303200
Holding registers (4x)	9999	400001-409999

ASCII Setup

Total Message	0
Message area size	0
ASCII Ports	0

Configuration Extensions

Data Protection	No
Peer Cop	No
Hot Standby	No
Ethernet	1
Profibus DP	1

Specials

Battery Coil	No
Timer Register	No
Time Of Day	No
Duplicate coils	No
First Coil Address	-
Watchdog Timeout [ms*10]	30
Online Editing Timeslice [ms]	20

Segment Scheduler						
Schedule	Type of Solve	Reference	Sense	Segment	Drop Input	Drop Output
1	Continuous			1	1	1
2	Continuous			2	2	2
3	End of Logic					
4	End of Logic					
5	End of Logic					
6	End of Logic					
7	End of Logic					
8	End of Logic					
9	End of Logic					
10	End of Logic					
11	End of Logic					
12	End of Logic					
13	End of Logic					
14	End of Logic					
15	End of Logic					
16	End of Logic					
17	End of Logic					
18	End of Logic					
19	End of Logic					
20	End of Logic					
21	End of Logic					
22	End of Logic					
23	End of Logic					
24	End of Logic					
25	End of Logic					
26	End of Logic					
27	End of Logic					
28	End of Logic					
29	End of Logic					
30	End of Logic					
31	End of Logic					
32	End of Logic					

Ethernet Parameters								
Slot	Module Name	IP Cfg	Internet Addr	Subnet Mask	Gateway Addr	Frame Type	Health Block	Diag Block
1-4	140-NOE-771-11	Specify	010.105.002.140	255.255.255.000	010.105.002.001	Ethernet II		

Modbus Port Settings (Bridge Mode: No)									
Port	Baudrate	Data bits	Stop bits	Parity	Delay (ms)	Address	Head Slot	Mode	Protocol
1	9600	8	1	even	10	1	0	RTU	RS232
2	9600	8	1	even	10	1	0	RTU	RS232
3	9600	8	1	even	10	1	0	RTU	RS232

Remote (Head slot 5)							
Drop	Type	Modules	Holdup [ms]	Input-Bits	Output-Bits	Status Reg.	Activate
1	Quantum I/O	10	2600	352	32		-
2	Quantum I/O	4	2600	32	128		-

Local Drop						
Drop Type: Quantum I/O			Drop 1			
Slot	Module name	Input Range	Output Range	Module description	In/Out-Type	Timeout-State
1-1	CPS-214-00			DC Summable PS 24V 8A		
1-2	CPU-434-12			CPU 2MB 1xMB+ 2xModbus		
1-3	CRP-811-00			Profibus DP		
1-4	NOE-771-11			ENET 10/100 TCP/IP FACTORYCAST I/O >		
1-5	CRP-93x-00			RIO Head S908		
1-6	DDI-353-00	100001-100032		DC Input 24V 4x8	BIN	
1-7	DDI-353-00	100033-100064		DC Input 24V 4x8	BIN	
1-8	DDO-353-00		000001-000032	DC Output 24V 4x8	BIN	0000 0000
1-9	ACI-030-00	300001-300009		Analog Input 8 Ch unipolar		
1-10	ACI-030-00	300010-300018		Analog Input 8 Ch unipolar		

Parameter CRP-811-00 (slot 1-3)									
Master Params									
Bus Address: 1		Max Diag Entries: 100							
Baud Rate : 1,5 MBaud		Max Diag Length : 32			LifeSign Address: 300463				
Slave Params									
Addr	Slave Type	Module	Input Type	Range	Output Type	Range	Diagnosis Type	Len	Range
55	KS94/DP						UINT8	6	300500-300505
A: Standard (FixP)		1	INT16	300019-300019					
		1	INT16	300020-300020					
		1	INT16	300021-300021					
		1	INT8	300022-300022					
		1	INT8	300023-300023					
		1			BOOL	000033-000048			
		1			BOOL	000049-000064			
		1			BOOL	400059-400059			
56	KS94/DP						UINT8	6	300506-300511
A: Standard (FixP)		1	INT16	300024-300024					
		1	INT16	300025-300025					
		1	INT16	300026-300026					
		1	INT8	300027-300027					
		1	INT8	300028-300028					
		1			BOOL	000065-000080			
		1			BOOL	000081-000096			
		1			BOOL	400060-400060			
61	SIMOCODE-DP						UINT8	6	300512-300517
Basic Type 2		1	BOOL	100065-100072					
		1	BOOL	100081-100088					
		1	INT16	300029-300029					
		1			BOOL	000097-000104			
		1			BOOL	000113-000120			
		1			BOOL	000129-000136			
		1			BOOL	000145-000152			
62	SIMOCODE-DP						UINT8	6	300518-300523
Basic Type 2		1	BOOL	100097-100104					

Parameter CRP-811-00 (Slot 1-3)

	1	BOOL	100113-100120				
	1	INT16	300030-300030				
	1			BOOL	000161-000168		
	1			BOOL	000177-000184		
	1			BOOL	000193-000200		
	1			BOOL	000209-000216		
65	SIMOCODE-DP					UINT8	6 300524-300529
	Basic Type 2						
	1	BOOL	100129-100136				
	1	BOOL	100145-100152				
	1	INT16	300031-300031				
	1			BOOL	000225-000232		
	1			BOOL	000241-000248		
	1			BOOL	000257-000264		
	1			BOOL	000273-000280		
68	SIMOCODE-DP					UINT8	6 300530-300535
	Basic Type 2						
	1	BOOL	100161-100168				
	1	BOOL	100177-100184				
	1	INT16	300032-300032				
	1			BOOL	000289-000296		
	1			BOOL	000305-000312		
	1			BOOL	000321-000328		
	1			BOOL	000337-000344		
70	SIMOCODE-DP					UINT8	6 300536-300541
	Basic Type 2						
	1	BOOL	100193-100200				
	1	BOOL	100209-100216				
	1	STRING	300033-300033				
	1			BOOL	000353-000360		
	1			BOOL	000369-000376		
	1			BOOL	000385-000392		
	1			BOOL	000401-000408		
71	SIMOCODE-DP					UINT8	6 300542-300547
	Basic Type 2						
	1	BOOL	100225-100232				
	1	BOOL	100241-100248				
	1	INT16	300034-300034				
	1			BOOL	000417-000424		
	1			BOOL	000433-000440		
	1			BOOL	000449-000456		
	1			BOOL	000465-000472		
73	PROFIBUS DP-64 MODULE		BOOL 100257-100288	BOOL	000481-000512	UINT8	6 300548-300553
74	PROFIBUS DP-64 MODULE		BOOL 100289-100320	BOOL	000513-000544	UINT8	6 300554-300559

Remote (Head slot 5)

Drop Type: Quantum I/O

Drop 2

Slot	Module name	Input Range	Output Range	Module description	In/Out-Type	Timeout-State
1-1	CPS-214-00			DC Summable PS 24V 8A		
1-3	ACO-020-00		400051-400054	Analog Output 4 Ch Current		
1-4	ACO-020-00		400055-400058	Analog Output 4 Ch Current		
1-5	DDI-353-00	100321-100352		DC Input 24V 4x8	BIN	

Parameter ACO-020-00 (Slot 1-3)

Channel	Input-/Output-Type	Timeout Value
1	Last Value	
2	Last Value	
3	Last Value	
4	Last Value	

Parameter ACO-020-00 (Slot 1-4)

Channel	Input-/Output-Type	Timeout Value
1	Last Value	
2	Last Value	
3	Last Value	
4	Last Value	