

Project structure

Project : EG070611
FBD:PLC2_Algemeen
FBD:sctTest
ST:Opstart_24vdc
ST:Opstart_230VAC
FBD:Matrix
FBD:Digitaal
FBD:Analoog
FBD:Communicatie
ST:Circutor_comm
ST:Leidingkarakteristiek
ST:Stadsdruk_regeling
FBD:Reinwaterpompen
FBD:Kleppen
FBD:Water_op_vloer
FBD:Pomp_regeling
FBD:Vaste_pompen
FBD:Rapportage
FBD:Paneel_prim1
FBD:Paneel_sec1
FBD:Paneel
FBD:Dist_Alarmering_pri_secundair
FBD:MBU_meld2_ALG
FBD:RESERVE_BEP

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) 1600 000001-001600
Discrete Inputs (1x) 3200 100001-103200
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 400076 - 400083
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	End of Logic					
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	010.105.002.141	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 0)							
Drop	Type	Modules	Holdup [ms]	Input-Bits	Output-Bits	Status Reg.	Activate
1	Quantum I/O	10	300	352	96		-

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	DDI-353-00	100001-100032		DC Input 24V 4x8	BIN	
1-6	DDI-353-00	100033-100064		DC Input 24V 4x8	BIN	
1-7	DDO-353-00		000001-000032	DC Output 24V 4x8	BIN	0000 0000
1-8	ACI-030-00	300001-300009		Analog Input 8 Ch unipolar		
1-9	ACI-030-00	300010-300018		Analog Input 8 Ch unipolar		
1-10	ACO-020-00		400001-400004	Analog Output 4 Ch Current		

Parameter CRP-811-00 (Slot 1-3)							
Master Params							
Bus Address: 1		Max Diag Entries: 100			LifeSign Address: 300463		
Baud Rate : 1,5 MBaud		Max Diag Length : 32					
Slave Params							
Addr	Slave Type	Module	Input Type	Range	Output Type	Range	Diagnosis Type Len Range
11	CVM 144 PROFIBUS DP						UINT8 6 300500-300505
	READ 1 PARAMETER	1			INT8	400011-400012	
		1			INT8	400013-400016	
		1	INT8	300030-300030			
		1	INT8	300031-300032			
		1	BOOL	100257-100288			
12	KS94/DP						UINT8 6 300506-300511
	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	400005-400005	
		1			BOOL	400006-400006	
		1			BOOL	400007-400007	
13	KS94/DP						UINT8 6 300512-300517
	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	400008-400008	
		1			BOOL	400009-400009	
		1			BOOL	400010-400010	
21	WAGO 750-833						UINT8 6 300518-300523
	750-833 No PI Channel	1					
	750-418 2 DI/24 V DC DIA ACK	2	BOOL	100129-100136	BOOL	000081-000088	
	*750-418 2 DI/24 V DC DIA ACK	3					
	750-418 2 DI/24 V DC DIA ACK	4	BOOL	100145-100152	BOOL	000097-000104	

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

	*750-418 2 DI/24 V DC DIA ACK	5							
	750-418 2 DI/24 V DC DIA ACK	6	BOOL	100161-100168	BOOL	000113-000120			
	750-514 2 DO Relay/125 V AC	7			BOOL	000057-000064			
22	SIMOCODE-DP						UINT8	6	300524-300529
	Basic Type 2	1	BOOL	100177-100184					
		1	BOOL	100193-100200					
		1	INT16	300029-300029					
		1			BOOL	000129-000136			
		1			BOOL	000145-000152			
		1			BOOL	000161-000168			
		1			BOOL	000177-000184			
23	PROFIBUS DP-64 MODULE		BOOL	100209-100240	BOOL	000193-000224	UINT8	6	300530-300535
31	WAGO 750-833						UINT8	6	300536-300541
	750-833 No PI Channel	1							
	750-418 2 DI/24 V DC DIA ACK	2	BOOL	100065-100072	BOOL	000033-000040			
	*750-418 2 DI/24 V DC DIA ACK	3							
	750-418 2 DI/24 V DC DIA ACK	4	BOOL	100081-100088	BOOL	000049-000056			
	*750-418 2 DI/24 V DC DIA ACK	5							
	750-418 2 DI/24 V DC DIA ACK	6	BOOL	100097-100104	BOOL	000065-000072			
	750-514 2 DO Relay/125 V AC	7			BOOL	000073-000080			
32	SIMOCODE-DP						UINT8	6	300542-300547
	Basic Type 2	1	BOOL	100113-100120					
		1	BOOL	100137-100144					
		1	INT16	300043-300043					
		1			BOOL	000089-000096			
		1			BOOL	000105-000112			
		1			BOOL	000121-000128			
		1			BOOL	000137-000144			
33	PROFIBUS DP-64 MODULE		BOOL	100497-100528	BOOL	000513-000544	UINT8	6	300548-300553
41	WAGO 750-833						UINT8	6	300554-300559
	750-833 No PI Channel	1							
	750-418 2 DI/24 V DC DIA ACK	2	BOOL	100353-100360	BOOL	000369-000376			
	*750-418 2 DI/24 V DC DIA ACK	3							
	750-418 2 DI/24 V DC DIA ACK	4	BOOL	100369-100376	BOOL	000385-000392			
	*750-418 2 DI/24 V DC DIA ACK	5							
	750-418 2 DI/24 V DC DIA ACK	6	BOOL	100385-100392	BOOL	000401-000408			
	750-514 2 DO Relay/125 V AC	7			BOOL	000041-000048			
42	SIMOCODE-DP						UINT8	6	300560-300565
	Basic Type 2	1	BOOL	100401-100408					
		1	BOOL	100417-100424					
		1	INT16	300044-300044					
		1			BOOL	000417-000424			
		1			BOOL	000433-000440			
		1			BOOL	000449-000456			
		1			BOOL	000465-000472			
43	PROFIBUS DP-64 MODULE		BOOL	100449-100480	BOOL	000481-000512	UINT8	6	300566-300571

Parameter ACO-020-00 (Slot 1-10)

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