

BOOL
DINT
INT
LINT
REAL
SINT

- Controller SistemaSimulado
- Controller Fault Handler
- Power-Up Handler

Tasks

- MainTask
 - MainProgram
 - MainRoutine
 - RandGen
 - StepsSim1
 - StepsSim2
 - StepsSim3
 - StepsSim4
 - StepsSim5
 - StepsSim6
 - StepsSim7
 - StepsSim8
 - TempSim

- Unscheduled Programs / Phases

Motion Groups

- Ungrouped Axes

Add-On Instructions

Data Types

- User-Defined
 - Bancada
- Strings
 - STRING
- Add-On-Defined
- Module-Defined
 - AB:1769_DI16:I:0
 - AB:1769_DO16:C:0
 - AB:1769_DO16:I:0
 - AB:1769_DO16:O:0
 - AB:1769_IF4XOF2:C:0
 - AB:1769_IF4XOF2:I:0
 - AB:1769_IF4XOF2:O:0

Trends

- Temps

I/O Configuration

- Backplane, CompactLogix System
 - 1769-L32E SistemaSimulado

 1769-L32E Ethernet Port LocalENB

 Ethernet

 CompactBus Local

 [1] 1769-IQ16/A

 [2] 1769-OB16/B

 [3] 1769-IF4XOF2/A AN_IO

General			
Vendor:	Allen-Bradley	Mode:	Remote Run
Revision:	19.11	Key Switch Position:	REM
Chassis Type:	<none>	Created:	11/12/2019 3:39:20 PM
Slot:	0	Edited:	9/1/2020 9:02:15 AM
Serial Port			
Mode:	System	Control Line:	No Handshake
Baud Rate:	19200	RTS Send Delay:	0 (x20 ms)
Date Bits:	8	RTS Off Delay:	0 (x20 ms)
Parity:	None	DCD Wait Delay:	0 (x1 sec)
Stop Bits:	1		
System Protocol - DF1 Master			
Station Address:	0	Polling Mode:	Message Based (slave can initiate messages)
Transmit Retries:	3	Error Detection:	BCC
ACK Timeout:	50 (x20 ms)	Enable Duplicate Detection:	Yes
Relay Message Wait:	5 (x20 ms)		
System Protocol - DF1 Point to Point (Current)			
Station Address:	0	Embedded Responses:	Autodetect
NAK Receive Limit:	3	Error Detection:	BCC
ENQ Transmit Limit:	3	Enable Duplicate Detection:	Yes
ACK Timeout:	50 (x20 ms)		
System Protocol - DF1 Radio Modem			
Station Address:	0	Error Detection:	BCC
Store and Forward:	No		
System Protocol - DF1 Slave			
Station Address:	0	EOT Suppression:	No
Transmit Retries:	3	Error Detection:	BCC
Slave Poll Timeout:	3000 (x20 ms)	Enable Duplicate Detection:	Yes
System Protocol - DH485			
Station Address:	0	Token Hold Factor:	1
Max Station Address:	31	Error Detection:	CRC
User Protocol - ASCII			
Read/Write Buffer Size:	82 bytes	Append Character 2:	'\$I'
Termination Character 1:	'\$r'	XON/XOFF:	No
Termination Character 2:	'\$FF'	Echo Mode:	No
Append Character 1:	'\$r'	Delete Mode:	Ignore
Date/Time			
Date and Time:	??		
Time Zone:	(GMT+00:00)		
Daylight Saving (+01:00):	No		
Enable Time Synchronization:	No		
Is the system time master:	Off		
Is a synchronized time slave:	Off		
Duplicate CST Master Detected:	Off		
CST Mastership disabled	Off		
No CST Master	On		

Advanced Time Sync

CIP Sync Time Synchronization: Disabled

Advanced

Controller Fault Handler:	<none>	Security:	No Protection
Power-Up Handler:	<none>	Match Project To Controller:	No
System Overhead Time Slice:	20 %	Serial Number:	405433C0
During unused System Overhead Time Slice:	Run Continuous Task	Allow Consumed Tags to Use RPI Provided by Producer	No

SFC Execution

Execution Control:	Execute current active steps only	Last Scan of Active Step:	Don't scan
Restart Position:	Restart at most recently executed step		

Nonvolatile Memory

<Empty>

Memory

Memory Option:	1769-L32E/A		
Memory			
Total Memory:	786,432 bytes	Max Used:	153,260 bytes
Free Memory:	635,932 bytes	Largest Block Free:	630,712 bytes
Used Memory:	150,500 bytes		

Name	Value	Data Type	Scope
Action_000 External Access: <i>Action_000 - MainProgram/StepsSim1 - *CI(Action,Action_000)</i>	Read/Write	SFC_ACTION	MainProgram
Action_001 External Access: <i>Action_001 - MainProgram/StepsSim1 - *AI(Action,Action_001)</i>	Read/Write	SFC_ACTION	MainProgram
Action_002 External Access: <i>Action_002 - MainProgram/StepsSim2 - *AI(Action,Action_002)</i>	Read/Write	SFC_ACTION	MainProgram
Action_003 External Access: <i>Action_003 - MainProgram/StepsSim2 - *CI(Action,Action_003)</i>	Read/Write	SFC_ACTION	MainProgram
Action_004 External Access: <i>Action_004 - MainProgram/StepsSim3 - *AI(Action,Action_004)</i>	Read/Write	SFC_ACTION	MainProgram
Action_005 External Access: <i>Action_005 - MainProgram/StepsSim3 - *CI(Action,Action_005)</i>	Read/Write	SFC_ACTION	MainProgram
Action_006 External Access: <i>Action_006 - MainProgram/StepsSim3 - *EI(Action,Action_006)</i>	Read/Write	SFC_ACTION	MainProgram
Action_007 External Access: <i>Action_007 - MainProgram/StepsSim4 - *AI(Action,Action_007)</i>	Read/Write	SFC_ACTION	MainProgram
Action_008 External Access: <i>Action_008 - MainProgram/StepsSim4 - *CI(Action,Action_008)</i>	Read/Write	SFC_ACTION	MainProgram
Action_009 External Access: <i>Action_009 - MainProgram/StepsSim5 - *AI(Action,Action_009)</i>	Read/Write	SFC_ACTION	MainProgram
Action_010 External Access: <i>Action_010 - MainProgram/StepsSim5 - *CI(Action,Action_010)</i>	Read/Write	SFC_ACTION	MainProgram
Action_011		SFC_ACTION	MainProgram

Action_011 (Continued)		
External Access:	Read/Write	
<i>Action_011 - MainProgram/StepsSim1 - *E1(Action,Action_011)</i>		
Action_012		
External Access:	Read/Write	SFC_ACTION
<i>Action_012 - MainProgram/StepsSim2 - *E1(Action,Action_012)</i>		
Action_013		
External Access:	Read/Write	SFC_ACTION
<i>Action_013 - MainProgram/StepsSim4 - *E1(Action,Action_013)</i>		
Action_014		
External Access:	Read/Write	SFC_ACTION
<i>Action_014 - MainProgram/StepsSim5 - *E1(Action,Action_014)</i>		
Action_015		
External Access:	Read/Write	SFC_ACTION
<i>Action_015 - MainProgram/StepsSim1 - *E1(Action,Action_015)</i>		
Action_016		
External Access:	Read/Write	SFC_ACTION
<i>Action_016 - MainProgram/StepsSim2 - *E1(Action,Action_016)</i>		
Action_017		
External Access:	Read/Write	SFC_ACTION
<i>Action_017 - MainProgram/StepsSim3 - *E1(Action,Action_017)</i>		
Action_018		
External Access:	Read/Write	SFC_ACTION
<i>Action_018 - MainProgram/StepsSim4 - *E1(Action,Action_018)</i>		
Action_019		
External Access:	Read/Write	SFC_ACTION
<i>Action_019 - MainProgram/StepsSim5 - *E1(Action,Action_019)</i>		
Action_609		
External Access:	Read/Write	SFC_ACTION
<i>Action_609 - MainProgram/StepsSim6 - *A1(Action,Action_609)</i>		
Action_610		
External Access:	Read/Write	SFC_ACTION
<i>Action_610 - MainProgram/StepsSim6 - *C1(Action,Action_610)</i>		
Action_614		
External Access:	Read/Write	SFC_ACTION

Action_614 (Continued) <i>Action_614 - MainProgram/StepsSim6 - *E1(Action,Action_614)</i>		
Action_619 External Access: <i>Action_619 - MainProgram/StepsSim6 - *E1(Action,Action_619)</i>	SFC_ACTION	MainProgram
Action_709 External Access: <i>Action_709 - MainProgram/StepsSim7 - *A1(Action,Action_709)</i>	SFC_ACTION	MainProgram
Action_710 External Access: <i>Action_710 - MainProgram/StepsSim7 - *C1(Action,Action_710)</i>	SFC_ACTION	MainProgram
Action_714 External Access: <i>Action_714 - MainProgram/StepsSim7 - *E1(Action,Action_714)</i>	SFC_ACTION	MainProgram
Action_719 External Access: <i>Action_719 - MainProgram/StepsSim7 - *E1(Action,Action_719)</i>	SFC_ACTION	MainProgram
Action_809 External Access: <i>Action_809 - MainProgram/StepsSim8 - *A1(Action,Action_809)</i>	SFC_ACTION	MainProgram
Action_810 External Access: <i>Action_810 - MainProgram/StepsSim8 - *C1(Action,Action_810)</i>	SFC_ACTION	MainProgram
Action_814 External Access: <i>Action_814 - MainProgram/StepsSim8 - *E1(Action,Action_814)</i>	SFC_ACTION	MainProgram
Action_819 External Access: <i>Action_819 - MainProgram/StepsSim8 - *E1(Action,Action_819)</i>	SFC_ACTION	MainProgram
ADD_01 External Access: <i>ADD_01 - MainProgram/TempSim - *I-B1(LPF,LPF_01.Out), *I-D1(ADD,ADD_01), *I-D1(MUL,MUL_01.Dest), *I-E1(OREF,Bancada1.Temperatura)</i>	FBD_MATH	MainProgram
ADD_02 External Access: <i>ADD_02 - MainProgram/TempSim - *I-B2(LPF,LPF_02.Out), *I-D2(ADD,ADD_02), *I-D2(MUL,MUL_02.Dest), *I-E2(OREF,Bancada2.Temperatura)</i>	FBD_MATH	MainProgram

ADD_03		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_03 - MainProgram/TempSim - *1-B3(LPF,LPF_03.Out), *1-D3(ADD,ADD_03), *1-D3(MUL,MUL_03.Dest), *1-E3(OREF,Bancada3.Temperatura)</i>			
ADD_04		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_04 - MainProgram/TempSim - *2-B1(LPF,LPF_04.Out), *2-C1(MUL,MUL_04.Dest), *2-D1(ADD,ADD_04), *2-E1(OREF,Bancada4.Temperatura)</i>			
ADD_05		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_05 - MainProgram/TempSim - *2-B2(LPF,LPF_05.Out), *2-C2(MUL,MUL_05.Dest), *2-D2(ADD,ADD_05), *2-E2(OREF,Bancada5.Temperatura)</i>			
ADD_06		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_06 - MainProgram/TempSim - *2-B3(LPF,LPF_06.Out), *2-C3(MUL,MUL_06.Dest), *2-D3(ADD,ADD_06), *2-E3(OREF,Bancada6.Temperatura)</i>			
ADD_07		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_07 - MainProgram/TempSim - *2-B4(LPF,LPF_07.Out), *2-C4(MUL,MUL_07.Dest), *2-D4(ADD,ADD_07), *2-E4(OREF,Bancada7.Temperatura)</i>			
ADD_08		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>ADD_08 - MainProgram/TempSim - *3-B1(LPF,LPF_08.Out), *3-C1(MUL,MUL_08.Dest), *3-D1(ADD,ADD_08), *3-E1(OREF,Bancada8.Temperatura)</i>			
 AmbTemp	25	DINT	SistemaSimulado
Constant	No		
External Access:	Read Only		
<i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i>			
<i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>			
 Bancada1		Bancada	SistemaSimulado
External Access:	Read/Write		
Bancada1.Partida	2#0	BOOL	
<i>Bancada1.Partida - MainProgram/StepsSim1 - A1, #1(Tran,Tran_001 (Condition))</i>			
Bancada1.Parada	2#0	BOOL	
<i>Bancada1.Parada - MainProgram/StepsSim1 - C1, #1(Tran,Tran_000 (Condition)), D2, #4(Tran,Tran_003 (Condition))</i>			
Bancada1.Estado_1		SFC_STEP	
<i>Bancada1.Estado_1 - MainProgram/StepsSim1 - *A1(Step,Bancada1.Estado_1)</i>			
Bancada1.Estado_2		SFC_STEP	
<i>Bancada1.Estado_2 - MainProgram/StepsSim1 - *C1(Step,Bancada1.Estado_2)</i>			

Bancada1 (Continued)		
Bancada1.Estado_3	SFC_STEP	
<i>Bancada1.Estado_3 - MainProgram/StepsSim1 - *D1(Step,Bancada1.Estado_3)</i>		
Bancada1.Temperatura	REAL	
<i>Bancada1.Temperatura - MainProgram/StepsSim1 - B1, #1(Tran,Tran_002 (Condition)), D2, #1(Tran,Tran_003 (Condition))</i>		
<i>Bancada1.Temperatura - MainProgram/TempSim - *I-E1(OREF,Bancada1.Temperatura), I-D1(ADD,ADD_01.Dest)</i>		
Bancada1.TempSetpoint	REAL	
<i>Bancada1.TempSetpoint - MainProgram/StepsSim1 - *A1, #1(Action,Action_001 (Body)), *C1, #1(Action,Action_000 (Body)), *E1, #1(Action,Action_015 (Body)), B1, #2(Tran,Tran_002 (Condition))</i>		
<i>Bancada1.TempSetpoint - MainProgram/TempSim - I-B1(IREF,Bancada1.TempSetpoint), I-B1(LPF,LPF_01.In)</i>		
Bancada1.TempREF	REAL	
<i>Bancada1.TempREF - MainProgram/StepsSim1 - C1, #2(Action,Action_000 (Body))</i>		
Bancada1.Ciclos	DINT	
<i>Bancada1.Ciclos - MainProgram/StepsSim1 - *E1, #1(Action,Action_011 (Body)), E1, #2(Action,Action_011 (Body))</i>		
Bancada2		Bancada
External Access:		Read/Write
Bancada2.Partida	BOOL	
<i>Bancada2.Partida - MainProgram/StepsSim2 - A1, #1(Tran,Tran_0021 (Condition))</i>		
Bancada2.Parada	BOOL	
<i>Bancada2.Parada - MainProgram/StepsSim2 - C1, #1(Tran,Tran_0020 (Condition)), D1, #4(Tran,Tran_0023 (Condition))</i>		
Bancada2.Estado_1	SFC_STEP	
<i>Bancada2.Estado_1 - MainProgram/StepsSim2 - *A1(Step,Bancada2.Estado_1)</i>		
Bancada2.Estado_2	SFC_STEP	
<i>Bancada2.Estado_2 - MainProgram/StepsSim2 - *C1(Step,Bancada2.Estado_2)</i>		
Bancada2.Estado_3	SFC_STEP	
<i>Bancada2.Estado_3 - MainProgram/StepsSim2 - *D1(Step,Bancada2.Estado_3)</i>		
Bancada2.Temperatura	REAL	
<i>Bancada2.Temperatura - MainProgram/StepsSim2 - B1, #1(Tran,Tran_0022 (Condition)), D1, #1(Tran,Tran_0023 (Condition))</i>		
<i>Bancada2.Temperatura - MainProgram/TempSim - *I-E2(OREF,Bancada2.Temperatura), I-D2(ADD,ADD_02.Dest)</i>		
Bancada2.TempSetpoint	REAL	
<i>Bancada2.TempSetpoint - MainProgram/StepsSim2 - *A1, #1(Action,Action_002 (Body)), *C1, #1(Action,Action_003 (Body)), *E1, #1(Action,Action_016 (Body)), B1, #2(Tran,Tran_0022 (Condition))</i>		
<i>Bancada2.TempSetpoint - MainProgram/TempSim - I-B2(IREF,Bancada2.TempSetpoint), I-B2(LPF,LPF_02.In)</i>		
Bancada2.TempREF	REAL	
<i>Bancada2.TempREF - MainProgram/StepsSim2 - C1, #2(Action,Action_003 (Body))</i>		
Bancada2.Ciclos	DINT	
<i>Bancada2.Ciclos - MainProgram/StepsSim2 - *E1, #1(Action,Action_012 (Body)), E1, #2(Action,Action_012 (Body))</i>		
Bancada3		Bancada
External Access:		Read/Write
Bancada3.Partida	BOOL	
<i>Bancada3.Partida - MainProgram/StepsSim3 - A1, #1(Tran,Tran_031 (Condition))</i>		
Bancada3.Parada	BOOL	
<i>Bancada3.Parada - MainProgram/StepsSim3 - C1, #1(Tran,Tran_030 (Condition)), D1, #4(Tran,Tran_033 (Condition))</i>		
Bancada3.Estado_1	SFC_STEP	
<i>Bancada3.Estado_1 - MainProgram/StepsSim3 - *A1(Step,Bancada3.Estado_1)</i>		
Bancada3.Estado_2	SFC_STEP	

Bancada3 (Continued)		
<i>Bancada3.Estado_2 - MainProgram/StepsSim3 - *C1(Step,Bancada3.Estado_2)</i>		
Bancada3.Estado_3		SFC_STEP
<i>Bancada3.Estado_3 - MainProgram/StepsSim3 - *D1(Step,Bancada3.Estado_3)</i>		
Bancada3.Temperatura	25.702658	REAL
<i>Bancada3.Temperatura - MainProgram/StepsSim3 - B1, #1(Tran,Tran_032 (Condition)), D1, #1(Tran,Tran_033 (Condition))</i>		
<i>Bancada3.Temperatura - MainProgram/TempSim - *1-E3(OREF,Bancada3.Temperatura), 1-D3(ADD,ADD_03.Dest)</i>		
Bancada3.TempSetpoint	25.0	REAL
<i>Bancada3.TempSetpoint - MainProgram/StepsSim3 - *A1, #1(Action,Action_004 (Body)), *C1, #1(Action,Action_005 (Body)), *E1, #1(Action,Action_017 (Body)), B1, #2(Tran,Tran_032 (Condition))</i>		
<i>Bancada3.TempSetpoint - MainProgram/TempSim - 1-B3(IREF,Bancada3.TempSetpoint), 1-B3(LPF,LPF_03.In)</i>		
Bancada3.TempREF	80.0	REAL
<i>Bancada3.TempREF - MainProgram/StepsSim3 - C1, #2(Action,Action_005 (Body))</i>		
Bancada3.Ciclos	4	DINT
<i>Bancada3.Ciclos - MainProgram/StepsSim3 - *E1, #1(Action,Action_006 (Body)), E1, #2(Action,Action_006 (Body))</i>		
 Bancada4		Bancada SistemaSimulado
External Access: Read/Write		
Bancada4.Partida	2#0	BOOL
<i>Bancada4.Partida - MainProgram/StepsSim4 - A1, #1(Tran,Tran_041 (Condition))</i>		
Bancada4.Parada	2#0	BOOL
<i>Bancada4.Parada - MainProgram/StepsSim4 - C1, #1(Tran,Tran_040 (Condition)), D1, #4(Tran,Tran_043 (Condition))</i>		
Bancada4.Estado_1		SFC_STEP
<i>Bancada4.Estado_1 - MainProgram/StepsSim4 - *A1(Step,Bancada4.Estado_1)</i>		
Bancada4.Estado_2		SFC_STEP
<i>Bancada4.Estado_2 - MainProgram/StepsSim4 - *C1(Step,Bancada4.Estado_2)</i>		
Bancada4.Estado_3		SFC_STEP
<i>Bancada4.Estado_3 - MainProgram/StepsSim4 - *D1(Step,Bancada4.Estado_3)</i>		
Bancada4.Temperatura	24.35606	REAL
<i>Bancada4.Temperatura - MainProgram/StepsSim4 - B1, #1(Tran,Tran_042 (Condition)), D1, #1(Tran,Tran_043 (Condition))</i>		
<i>Bancada4.Temperatura - MainProgram/TempSim - *2-E1(OREF,Bancada4.Temperatura), 2-D1(ADD,ADD_04.Dest)</i>		
Bancada4.TempSetpoint	25.0	REAL
<i>Bancada4.TempSetpoint - MainProgram/StepsSim4 - *A1, #1(Action,Action_007 (Body)), *C1, #1(Action,Action_008 (Body)), *E1, #1(Action,Action_018 (Body)), B1, #2(Tran,Tran_042 (Condition))</i>		
<i>Bancada4.TempSetpoint - MainProgram/TempSim - 2-A1(IREF,Bancada4.TempSetpoint), 2-B1(LPF,LPF_04.In)</i>		
Bancada4.TempREF	130.0	REAL
<i>Bancada4.TempREF - MainProgram/StepsSim4 - C1, #2(Action,Action_008 (Body))</i>		
Bancada4.Ciclos	5	DINT
<i>Bancada4.Ciclos - MainProgram/StepsSim4 - *E1, #1(Action,Action_013 (Body)), E1, #2(Action,Action_013 (Body))</i>		
 Bancada5		Bancada SistemaSimulado
External Access: Read/Write		
Bancada5.Partida	2#0	BOOL
<i>Bancada5.Partida - MainProgram/StepsSim5 - A1, #1(Tran,Tran_051 (Condition))</i>		
Bancada5.Parada	2#0	BOOL
<i>Bancada5.Parada - MainProgram/StepsSim5 - C1, #1(Tran,Tran_050 (Condition)), D1, #4(Tran,Tran_053 (Condition))</i>		
Bancada5.Estado_1		SFC_STEP
<i>Bancada5.Estado_1 - MainProgram/StepsSim5 - *A1(Step,Bancada5.Estado_1)</i>		

Bancada5 (Continued)		
Bancada5.Estado_2		SFC_STEP
<i>Bancada5.Estado_2 - MainProgram/StepsSim5 - *C1(Step,Bancada5.Estado_2)</i>		
Bancada5.Estado_3		SFC_STEP
<i>Bancada5.Estado_3 - MainProgram/StepsSim5 - *D1(Step,Bancada5.Estado_3)</i>		
Bancada5.Temperatura	24.763176	REAL
<i>Bancada5.Temperatura - MainProgram/StepsSim5 - B1, #1(Tran,Tran_052 (Condition)), D1, #1(Tran,Tran_053 (Condition))</i>		
<i>Bancada5.Temperatura - MainProgram/TempSim - *2-E2(OREF,Bancada5.Temperatura), 2-D2(ADD,ADD_05.Dest)</i>		
Bancada5.TempSetpoint	25.0	REAL
<i>Bancada5.TempSetpoint - MainProgram/StepsSim5 - *A1, #1(Action,Action_009 (Body)), *C1, #1(Action,Action_010 (Body)), *E1, #1(Action,Action_019 (Body)), B1, #2(Tran,Tran_052 (Condition))</i>		
<i>Bancada5.TempSetpoint - MainProgram/TempSim - 2-A2(IREF,Bancada5.TempSetpoint), 2-B2(LPF,LPF_05.In)</i>		
Bancada5.TempREF	115.0	REAL
<i>Bancada5.TempREF - MainProgram/StepsSim5 - C1, #2(Action,Action_010 (Body))</i>		
Bancada5.Ciclos	4	DINT
<i>Bancada5.Ciclos - MainProgram/StepsSim5 - *E1, #1(Action,Action_014 (Body)), E1, #2(Action,Action_014 (Body))</i>		
 Bancada6		Bancada
External Access:		SistemaSimulado
Read/Write		
Bancada6.Partida	2#0	BOOL
<i>Bancada6.Partida - MainProgram/StepsSim6 - A1, #1(Tran,Tran_061 (Condition))</i>		
Bancada6.Parada	2#0	BOOL
<i>Bancada6.Parada - MainProgram/StepsSim6 - C1, #1(Tran,Tran_060 (Condition)), D1, #4(Tran,Tran_063 (Condition))</i>		
Bancada6.Estado_1		SFC_STEP
<i>Bancada6.Estado_1 - MainProgram/StepsSim6 - *A1(Step,Bancada6.Estado_1)</i>		
Bancada6.Estado_2		SFC_STEP
<i>Bancada6.Estado_2 - MainProgram/StepsSim6 - *C1(Step,Bancada6.Estado_2)</i>		
Bancada6.Estado_3		SFC_STEP
<i>Bancada6.Estado_3 - MainProgram/StepsSim6 - *D1(Step,Bancada6.Estado_3)</i>		
Bancada6.Temperatura	24.023172	REAL
<i>Bancada6.Temperatura - MainProgram/StepsSim6 - B1, #1(Tran,Tran_062 (Condition)), D1, #1(Tran,Tran_063 (Condition))</i>		
<i>Bancada6.Temperatura - MainProgram/TempSim - *2-E3(OREF,Bancada6.Temperatura), 2-D3(ADD,ADD_06.Dest)</i>		
Bancada6.TempSetpoint	25.0	REAL
<i>Bancada6.TempSetpoint - MainProgram/StepsSim6 - *A1, #1(Action,Action_609 (Body)), *C1, #1(Action,Action_610 (Body)), *E1, #1(Action,Action_619 (Body)), B1, #2(Tran,Tran_062 (Condition))</i>		
<i>Bancada6.TempSetpoint - MainProgram/TempSim - 2-A3(IREF,Bancada6.TempSetpoint), 2-B3(LPF,LPF_06.In)</i>		
Bancada6.TempREF	115.0	REAL
<i>Bancada6.TempREF - MainProgram/StepsSim6 - C1, #2(Action,Action_610 (Body))</i>		
Bancada6.Ciclos	0	DINT
<i>Bancada6.Ciclos - MainProgram/StepsSim6 - *E1, #1(Action,Action_614 (Body)), E1, #2(Action,Action_614 (Body))</i>		
 Bancada7		Bancada
External Access:		SistemaSimulado
Read/Write		
Bancada7.Partida	2#0	BOOL
<i>Bancada7.Partida - MainProgram/StepsSim7 - A1, #1(Tran,Tran_071 (Condition))</i>		
Bancada7.Parada	2#0	BOOL
<i>Bancada7.Parada - MainProgram/StepsSim7 - C1, #1(Tran,Tran_070 (Condition)), D1, #4(Tran,Tran_073 (Condition))</i>		
Bancada7.Estado_1		SFC_STEP

Bancada7 (Continued)		
<i>Bancada7.Estado_1 - MainProgram/StepsSim7 - *A1(Step,Bancada7.Estado_1)</i>		
Bancada7.Estado_2		SFC_STEP
<i>Bancada7.Estado_2 - MainProgram/StepsSim7 - *C1(Step,Bancada7.Estado_2)</i>		
Bancada7.Estado_3		SFC_STEP
<i>Bancada7.Estado_3 - MainProgram/StepsSim7 - *D1(Step,Bancada7.Estado_3)</i>		
Bancada7.Temperatura	24.942589	REAL
<i>Bancada7.Temperatura - MainProgram/StepsSim7 - B1, #1(Tran,Tran_072 (Condition)), D1, #1(Tran,Tran_073 (Condition))</i>		
<i>Bancada7.Temperatura - MainProgram/TempSim - *2-E4(OREF,Bancada7.Temperatura), 2-D4(ADD,ADD_07.Dest)</i>		
Bancada7.TempSetpoint	25.0	REAL
<i>Bancada7.TempSetpoint - MainProgram/StepsSim7 - *A1, #1(Action,Action_709 (Body)), *C1, #1(Action,Action_710 (Body)), *E1, #1(Action,Action_719 (Body)), B1, #2(Tran,Tran_072 (Condition))</i>		
<i>Bancada7.TempSetpoint - MainProgram/TempSim - 2-A4(IREF,Bancada7.TempSetpoint), 2-B4(LPF,LPF_07.In)</i>		
Bancada7.TempREF	95.0	REAL
<i>Bancada7.TempREF - MainProgram/StepsSim7 - C1, #2(Action,Action_710 (Body))</i>		
Bancada7.Ciclos	3	DINT
<i>Bancada7.Ciclos - MainProgram/StepsSim7 - *E1, #1(Action,Action_714 (Body)), E1, #2(Action,Action_714 (Body))</i>		
Bancada8		
External Access:		Bancada
Read/Write		SistemaSimulado
Bancada8.Partida	2#0	BOOL
<i>Bancada8.Partida - MainProgram/StepsSim8 - A1, #1(Tran,Tran_851 (Condition))</i>		
Bancada8.Parada	2#0	BOOL
<i>Bancada8.Parada - MainProgram/StepsSim8 - C1, #1(Tran,Tran_850 (Condition)), D1, #4(Tran,Tran_853 (Condition))</i>		
Bancada8.Estado_1		SFC_STEP
<i>Bancada8.Estado_1 - MainProgram/StepsSim8 - *A1(Step,Bancada8.Estado_1)</i>		
Bancada8.Estado_2		SFC_STEP
<i>Bancada8.Estado_2 - MainProgram/StepsSim8 - *C1(Step,Bancada8.Estado_2)</i>		
Bancada8.Estado_3		SFC_STEP
<i>Bancada8.Estado_3 - MainProgram/StepsSim8 - *D1(Step,Bancada8.Estado_3)</i>		
Bancada8.Temperatura	24.320286	REAL
<i>Bancada8.Temperatura - MainProgram/StepsSim8 - B1, #1(Tran,Tran_852 (Condition)), D1, #1(Tran,Tran_853 (Condition))</i>		
<i>Bancada8.Temperatura - MainProgram/TempSim - *3-E1(OREF,Bancada8.Temperatura), 3-D1(ADD,ADD_08.Dest)</i>		
Bancada8.TempSetpoint	25.0	REAL
<i>Bancada8.TempSetpoint - MainProgram/StepsSim8 - *A1, #1(Action,Action_809 (Body)), *C1, #1(Action,Action_810 (Body)), *E1, #1(Action,Action_819 (Body)), B1, #2(Tran,Tran_852 (Condition))</i>		
<i>Bancada8.TempSetpoint - MainProgram/TempSim - 3-A1(IREF,Bancada8.TempSetpoint), 3-B1(LPF,LPF_08.In)</i>		
Bancada8.TempREF	105.0	REAL
<i>Bancada8.TempREF - MainProgram/StepsSim8 - C1, #2(Action,Action_810 (Body))</i>		
Bancada8.Ciclos	1	DINT
<i>Bancada8.Ciclos - MainProgram/StepsSim8 - *E1, #1(Action,Action_814 (Body)), E1, #2(Action,Action_814 (Body))</i>		
LPF_01		
External Access:		FILTER_LOW_PASS
Read/Write		MainProgram
<i>LPF_01 - MainProgram/TempSim - *1-B1(IREF,Bancada1.TempSetpoint), *1-B1(LPF,LPF_01), *1-D1(ADD,ADD_01.SourceB)</i>		
LPF_02		
External Access:		FILTER_LOW_PASS
Read/Write		MainProgram

LPF_02 (Continued)		
<i>LPF_02 - MainProgram/TempSim - *1-B2(IREF,Bancada2.TempSetpoint), *1-B2(LPF,LPF_02), *1-D2(ADD,ADD_02.SourceB)</i>		
LPF_03	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_03 - MainProgram/TempSim - *1-B3(IREF,Bancada3.TempSetpoint), *1-B3(LPF,LPF_03), *1-D3(ADD,ADD_03.SourceB)</i>		
LPF_04	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_04 - MainProgram/TempSim - *2-A1(IREF,Bancada4.TempSetpoint), *2-B1(LPF,LPF_04), *2-D1(ADD,ADD_04.SourceB)</i>		
LPF_05	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_05 - MainProgram/TempSim - *2-A2(IREF,Bancada5.TempSetpoint), *2-B2(LPF,LPF_05), *2-D2(ADD,ADD_05.SourceB)</i>		
LPF_06	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_06 - MainProgram/TempSim - *2-A3(IREF,Bancada6.TempSetpoint), *2-B3(LPF,LPF_06), *2-D3(ADD,ADD_06.SourceB)</i>		
LPF_07	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_07 - MainProgram/TempSim - *2-A4(IREF,Bancada7.TempSetpoint), *2-B4(LPF,LPF_07), *2-D4(ADD,ADD_07.SourceB)</i>		
LPF_08	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
<i>LPF_08 - MainProgram/TempSim - *3-A1(IREF,Bancada8.TempSetpoint), *3-B1(LPF,LPF_08), *3-D1(ADD,ADD_08.SourceB)</i>		
MUL_01	FBD_MATH	MainProgram
External Access: Read/Write		
<i>MUL_01 - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-D1(ADD,ADD_01.SourceA), *1-D1(MUL,MUL_01)</i>		
MUL_02	FBD_MATH	MainProgram
External Access: Read/Write		
<i>MUL_02 - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-D2(ADD,ADD_02.SourceA), *1-D2(MUL,MUL_02)</i>		
MUL_03	FBD_MATH	MainProgram
External Access: Read/Write		
<i>MUL_03 - MainProgram/TempSim - *1-C2(JSR,RandPU), *1-D3(ADD,ADD_03.SourceA), *1-D3(MUL,MUL_03)</i>		
MUL_04	FBD_MATH	MainProgram
External Access: Read/Write		
<i>MUL_04 - MainProgram/TempSim - *2-B1(JSR,RandPU), *2-C1(MUL,MUL_04), *2-D1(ADD,ADD_04.SourceA)</i>		
MUL_05	FBD_MATH	MainProgram
External Access: Read/Write		
<i>MUL_05 - MainProgram/TempSim - *2-B2(JSR,RandPU), *2-C2(MUL,MUL_05), *2-D2(ADD,ADD_05.SourceA)</i>		

MUL_06		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>MUL_06 - MainProgram/TempSim - *2-B3(JSR,RandPU), *2-C3(MUL,MUL_06), *2-D3(ADD,ADD_06.SourceA)</i>			
MUL_07		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>MUL_07 - MainProgram/TempSim - *2-B3(JSR,RandPU), *2-C4(MUL,MUL_07), *2-D4(ADD,ADD_07.SourceA)</i>			
MUL_08		FBD_MATH	MainProgram
External Access:	Read/Write		
<i>MUL_08 - MainProgram/TempSim - *3-B1(JSR,RandPU), *3-C1(MUL,MUL_08), *3-D1(ADD,ADD_08.SourceA)</i>			
RandomGen	30876	INT	MainProgram
External Access:	Read/Write		
<i>RandomGen - MainProgram/RandGen - *0(MOV), *4(BTD), 0(CMP), 4(BTD), 6(DIV)</i>			
RandomGen.0	0	BOOL	
<i>RandomGen.0 - MainProgram/RandGen - *5(OTE)</i>			
RandomGen.3	1	BOOL	
<i>RandomGen.3 - MainProgram/RandGen - 1(XIC), 1(XIO)</i>			
RandomGen.12	1	BOOL	
<i>RandomGen.12 - MainProgram/RandGen - 1(XIC), 1(XIO)</i>			
RandomGen.14	0	BOOL	
<i>RandomGen.14 - MainProgram/RandGen - 2(XIC), 2(XIO)</i>			
RandomGen.15	1	BOOL	
<i>RandomGen.15 - MainProgram/RandGen - 2(XIC), 2(XIO)</i>			
RandPU	-0.7772149	REAL	MainProgram
External Access:	Read/Write		
<i>RandPU - MainProgram/RandGen - *6(DIV), 7(RET)</i>			
<i>RandPU - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-C1(JSR,RandPU), *1-C2(JSR,RandPU), *1-D1(MUL,MUL_01.SourceA), *1-D2(MUL,MUL_02.SourceA), *1-D3(MUL,MUL_03.SourceA), *2-B1(JSR,RandPU), *2-B2(JSR,RandPU), *2-B3(JSR,RandPU), *2-B3(JSR,RandPU), *2-C1(MUL,MUL_04.SourceA), *2-C2(MUL,MUL_05.SourceA), *2-C3(MUL,MUL_06.SourceA), *2-C4(MUL,MUL_07.SourceA), *3-B1(JSR,RandPU), *3-C1(MUL,MUL_08.SourceA)</i>			
TempBit	1	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit - MainProgram/RandGen - *3(OTE), 5(XIC)</i>			
TempBit1	0	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit1 - MainProgram/RandGen - *1(OTE), 3(XIC), 3(XIO)</i>			
TempBit2	1	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit2 - MainProgram/RandGen - *2(OTE), 3(XIC), 3(XIO)</i>			
Tran_000	0	BOOL	MainProgram

Tran_000 (Continued)			
External Access:	Read/Write		
<i>Tran_000 - MainProgram/StepsSim1 - *C1(Tran,Tran_000), *C1, #1(Tran,Tran_000 (Condition))</i>			
Tran_001	0	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_001 - MainProgram/StepsSim1 - *A1(Tran,Tran_001), *A1, #1(Tran,Tran_001 (Condition))</i>			
Tran_002	1	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_002 - MainProgram/StepsSim1 - *B1(Tran,Tran_002), *B1, #1(Tran,Tran_002 (Condition))</i>			
Tran_0020	0	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_0020 - MainProgram/StepsSim2 - *C1(Tran,Tran_0020), *C1, #1(Tran,Tran_0020 (Condition))</i>			
Tran_0021	0	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_0021 - MainProgram/StepsSim2 - *A1(Tran,Tran_0021), *A1, #1(Tran,Tran_0021 (Condition))</i>			
Tran_0022	1	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_0022 - MainProgram/StepsSim2 - *B1(Tran,Tran_0022), *B1, #1(Tran,Tran_0022 (Condition))</i>			
Tran_0023	1	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_0023 - MainProgram/StepsSim2 - *D1(Tran,Tran_0023), *D1, #1(Tran,Tran_0023 (Condition))</i>			
Tran_003	1	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_003 - MainProgram/StepsSim1 - *D2(Tran,Tran_003), *D2, #1(Tran,Tran_003 (Condition))</i>			
Tran_030	0	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_030 - MainProgram/StepsSim3 - *C1(Tran,Tran_030), *C1, #1(Tran,Tran_030 (Condition))</i>			
Tran_031	0	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_031 - MainProgram/StepsSim3 - *A1(Tran,Tran_031), *A1, #1(Tran,Tran_031 (Condition))</i>			
Tran_032	1	BOOL	MainProgram
External Access:	Read/Write		
<i>Tran_032 - MainProgram/StepsSim3 - *B1(Tran,Tran_032), *B1, #1(Tran,Tran_032 (Condition))</i>			
Tran_033	1	BOOL	MainProgram
External Access:	Read/Write		

Tran_033 (Continued)			
Tran_033 - MainProgram/StepsSim3 - *D1(Tran,Tran_033), *D1, #1(Tran,Tran_033 (Condition))			
Tran_040	0	BOOL	MainProgram
External Access: Read/Write			
Tran_040 - MainProgram/StepsSim4 - *C1(Tran,Tran_040), *C1, #1(Tran,Tran_040 (Condition))			
Tran_041	0	BOOL	MainProgram
External Access: Read/Write			
Tran_041 - MainProgram/StepsSim4 - *A1(Tran,Tran_041), *A1, #1(Tran,Tran_041 (Condition))			
Tran_042	1	BOOL	MainProgram
External Access: Read/Write			
Tran_042 - MainProgram/StepsSim4 - *B1(Tran,Tran_042), *B1, #1(Tran,Tran_042 (Condition))			
Tran_043	1	BOOL	MainProgram
External Access: Read/Write			
Tran_043 - MainProgram/StepsSim4 - *D1(Tran,Tran_043), *D1, #1(Tran,Tran_043 (Condition))			
Tran_050	0	BOOL	MainProgram
External Access: Read/Write			
Tran_050 - MainProgram/StepsSim5 - *C1(Tran,Tran_050), *C1, #1(Tran,Tran_050 (Condition))			
Tran_051	0	BOOL	MainProgram
External Access: Read/Write			
Tran_051 - MainProgram/StepsSim5 - *A1(Tran,Tran_051), *A1, #1(Tran,Tran_051 (Condition))			
Tran_052	1	BOOL	MainProgram
External Access: Read/Write			
Tran_052 - MainProgram/StepsSim5 - *B1(Tran,Tran_052), *B1, #1(Tran,Tran_052 (Condition))			
Tran_053	1	BOOL	MainProgram
External Access: Read/Write			
Tran_053 - MainProgram/StepsSim5 - *D1(Tran,Tran_053), *D1, #1(Tran,Tran_053 (Condition))			
Tran_060	0	BOOL	MainProgram
External Access: Read/Write			
Tran_060 - MainProgram/StepsSim6 - *C1(Tran,Tran_060), *C1, #1(Tran,Tran_060 (Condition))			
Tran_061	0	BOOL	MainProgram
External Access: Read/Write			
Tran_061 - MainProgram/StepsSim6 - *A1(Tran,Tran_061), *A1, #1(Tran,Tran_061 (Condition))			
Tran_062	0	BOOL	MainProgram
External Access: Read/Write			
Tran_062 - MainProgram/StepsSim6 - *B1(Tran,Tran_062), *B1, #1(Tran,Tran_062 (Condition))			

Tran_063 External Access: <i>Tran_063 - MainProgram/StepsSim6 - *D1(Tran,Tran_063), *D1, #1(Tran,Tran_063 (Condition))</i>	0 Read/Write	BOOL	MainProgram
Tran_070 External Access: <i>Tran_070 - MainProgram/StepsSim7 - *C1(Tran,Tran_070), *C1, #1(Tran,Tran_070 (Condition))</i>	0 Read/Write	BOOL	MainProgram
Tran_071 External Access: <i>Tran_071 - MainProgram/StepsSim7 - *A1(Tran,Tran_071), *A1, #1(Tran,Tran_071 (Condition))</i>	0 Read/Write	BOOL	MainProgram
Tran_072 External Access: <i>Tran_072 - MainProgram/StepsSim7 - *B1(Tran,Tran_072), *B1, #1(Tran,Tran_072 (Condition))</i>	1 Read/Write	BOOL	MainProgram
Tran_073 External Access: <i>Tran_073 - MainProgram/StepsSim7 - *D1(Tran,Tran_073), *D1, #1(Tran,Tran_073 (Condition))</i>	1 Read/Write	BOOL	MainProgram
Tran_850 External Access: <i>Tran_850 - MainProgram/StepsSim8 - *C1(Tran,Tran_850), *C1, #1(Tran,Tran_850 (Condition))</i>	0 Read/Write	BOOL	MainProgram
Tran_851 External Access: <i>Tran_851 - MainProgram/StepsSim8 - *A1(Tran,Tran_851), *A1, #1(Tran,Tran_851 (Condition))</i>	0 Read/Write	BOOL	MainProgram
Tran_852 External Access: <i>Tran_852 - MainProgram/StepsSim8 - *B1(Tran,Tran_852), *B1, #1(Tran,Tran_852 (Condition))</i>	1 Read/Write	BOOL	MainProgram
Tran_853 External Access: <i>Tran_853 - MainProgram/StepsSim8 - *D1(Tran,Tran_853), *D1, #1(Tran,Tran_853 (Condition))</i>	1 Read/Write	BOOL	MainProgram

General

Configuration

Type:	Periodic	Watchdog:	500.000 ms
Period:	100.000 ms	Disable Automatic Output Processing To Reduce Task Overhead:	No
Priority:	10	Inhibit Task:	No

Program/Phase Schedule

Scheduled

MainProgram

Unscheduled

Monitor

Scan Times(Elapsed Time)

Max:	2.550000 ms	Last:	1.780000 ms
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Interval Times(Elapsed Times Between Triggers)

Max:	100.610001 ms	Min:	99.440002 ms
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Task Overlap Count: 0

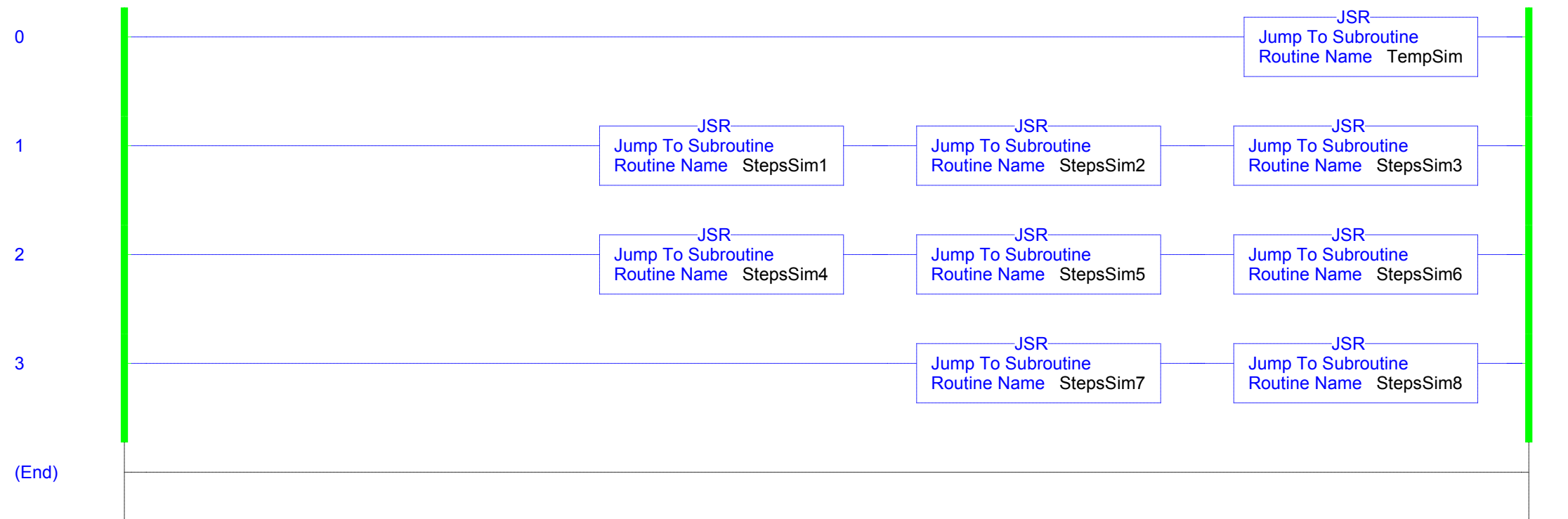
General

Configuration

Main:	 MainRoutine	Inhibit Program:	No
Fault:	None	Synchronize Redundancy Data After Execution:	Yes

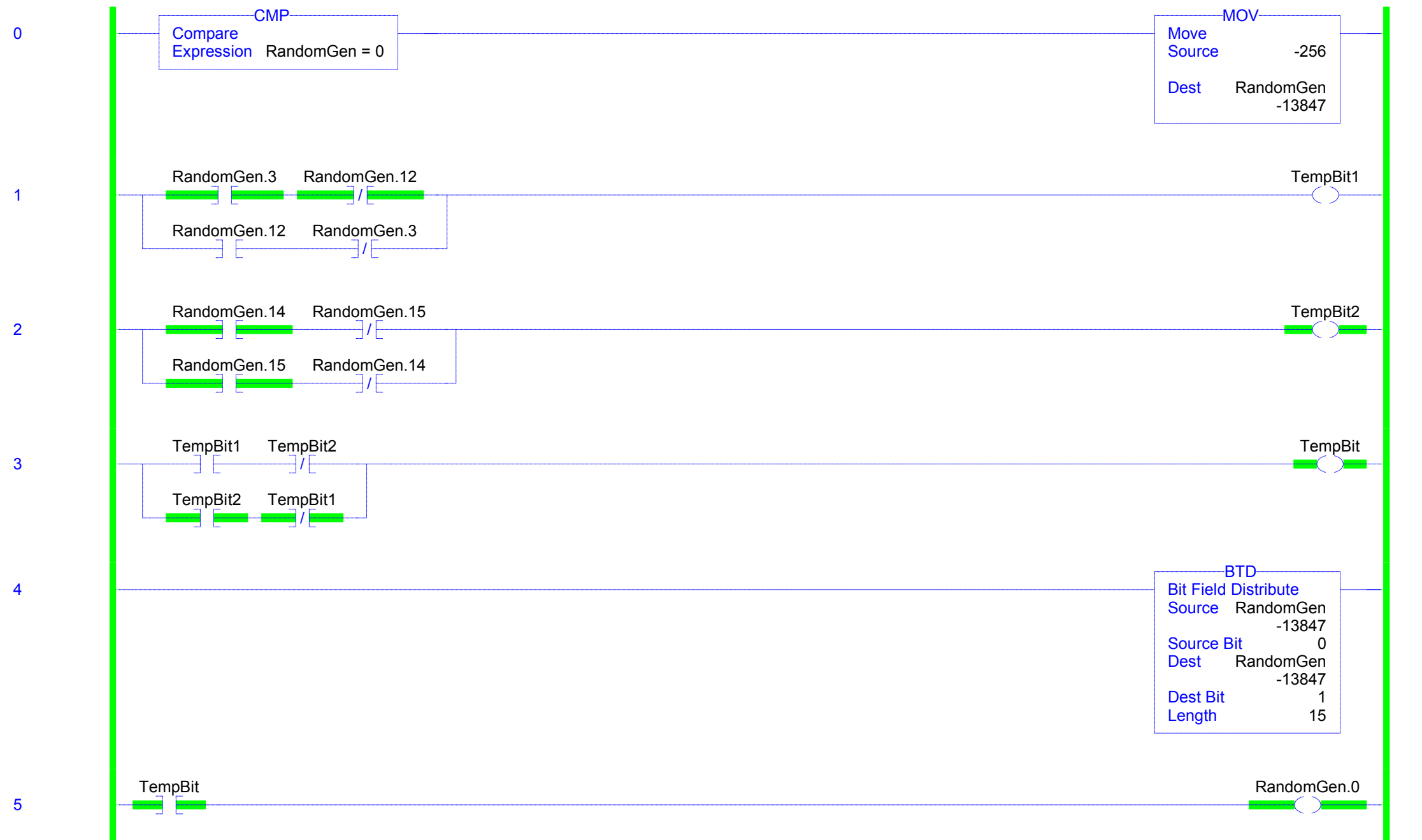
Monitor

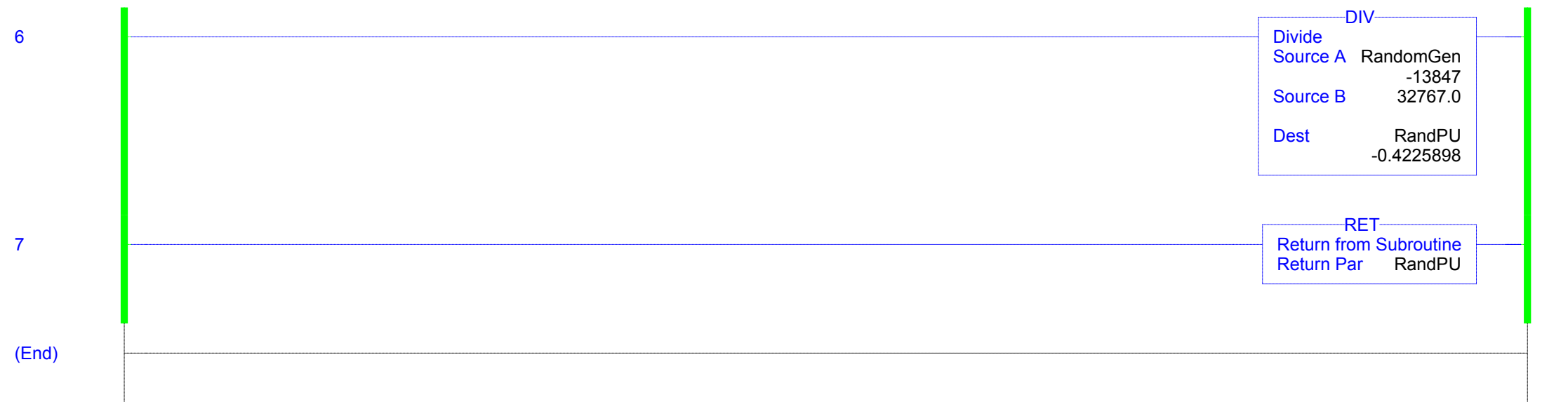
Scan Times(Execution Time)			
Max:	2282 us	Last:	1602 us



Name	Value	Data Type	Scope
No Tags Exist			

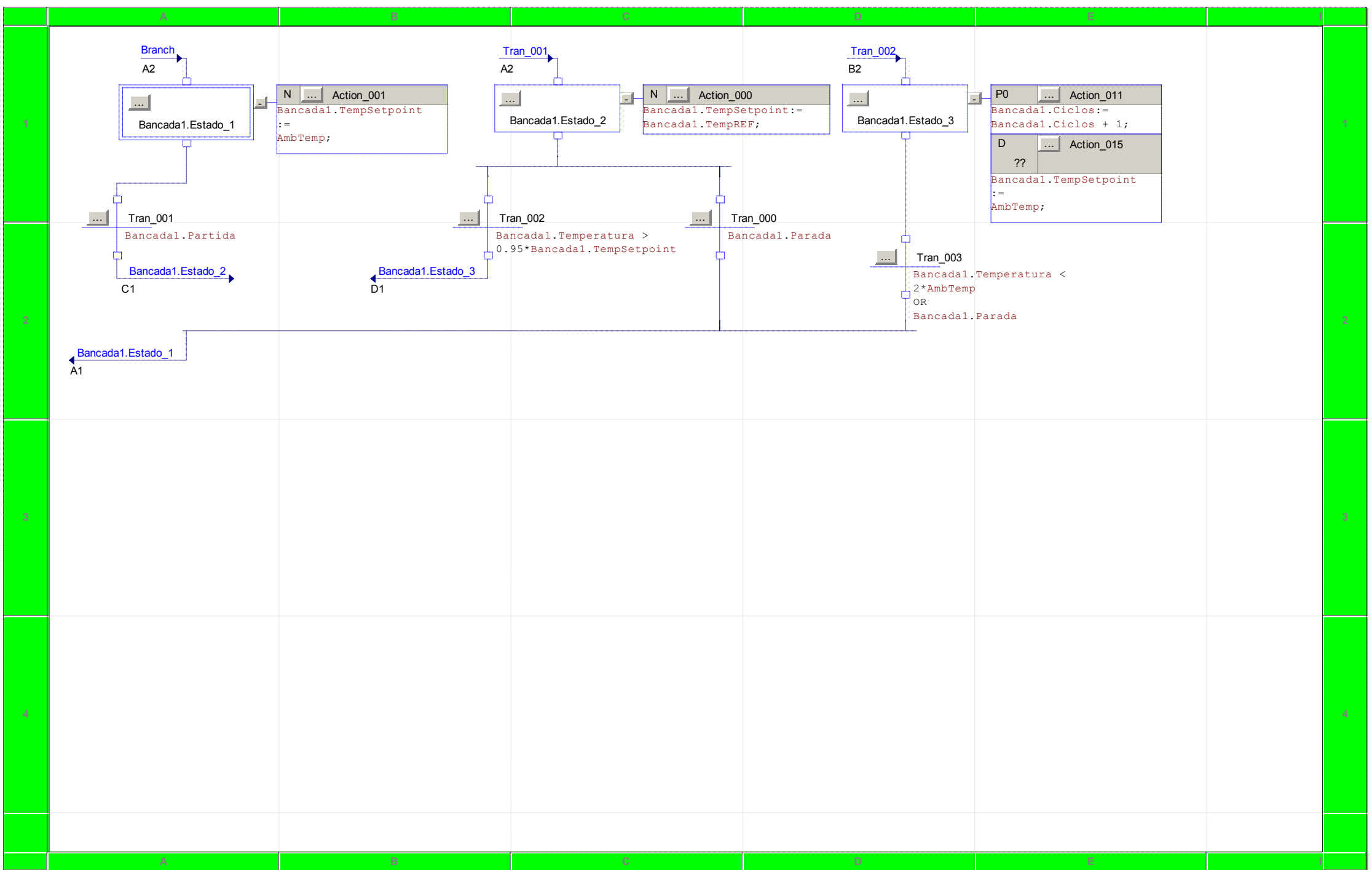
General			
Type:	 Ladder Diagram	Number of Rungs:	4
In Program:	 MainProgram		





Name	Value	Data Type	Scope
RandGen	-21448	INT	MainProgram
External Access:	Read/Write		
<i>RandomGen - MainProgram/RandGen - *0(MOV), *4(BTD), 0(CMP), 4(BTD), 6(DIV)</i>			
RandomGen.0	0	BOOL	
<i>RandomGen.0 - MainProgram/RandGen - *5(OTE)</i>			
RandomGen.3	1	BOOL	
<i>RandomGen.3 - MainProgram/RandGen - 1(XIC), 1(XIO)</i>			
RandomGen.12	0	BOOL	
<i>RandomGen.12 - MainProgram/RandGen - 1(XIC), 1(XIO)</i>			
RandomGen.14	0	BOOL	
<i>RandomGen.14 - MainProgram/RandGen - 2(XIC), 2(XIO)</i>			
RandomGen.15	1	BOOL	
<i>RandomGen.15 - MainProgram/RandGen - 2(XIC), 2(XIO)</i>			
RandPU	0.43812373	REAL	MainProgram
External Access:	Read/Write		
<i>RandPU - MainProgram/RandGen - *6(DIV), 7(RET)</i>			
<i>RandPU - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-C1(JSR,RandPU), *1-C2(JSR,RandPU), *1-D1(MUL,MUL_01.SourceA), *1-D2(MUL,MUL_02.SourceA), *1-D3(MUL,MUL_03.SourceA), *2-B1(JSR,RandPU), *2-B2(JSR,RandPU), *2-B3(JSR,RandPU), *2-B3(JSR,RandPU), *2-C1(MUL,MUL_04.SourceA), *2-C2(MUL,MUL_05.SourceA), *2-C3(MUL,MUL_06.SourceA), *2-C4(MUL,MUL_07.SourceA), *3-B1(JSR,RandPU), *3-C1(MUL,MUL_08.SourceA)</i>			
TempBit	0	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit - MainProgram/RandGen - *3(OTE), 5(XIC)</i>			
TempBit1	0	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit1 - MainProgram/RandGen - *1(OTE), 3(XIC), 3(XIO)</i>			
TempBit2	0	BOOL	MainProgram
External Access:	Read/Write		
<i>TempBit2 - MainProgram/RandGen - *2(OTE), 3(XIC), 3(XIO)</i>			

General			
Type:	 Ladder Diagram	Number of Rungs:	8
In Program:	 MainProgram		



Name	Value	Data Type	Scope
Action_000 External Access: <i>Action_000 - MainProgram/StepsSim1 - *C1(Action,Action_000)</i>	Read/Write	SFC_ACTION	MainProgram
Action_001 External Access: <i>Action_001 - MainProgram/StepsSim1 - *A1(Action,Action_001)</i>	Read/Write	SFC_ACTION	MainProgram
Action_011 External Access: <i>Action_011 - MainProgram/StepsSim1 - *E1(Action,Action_011)</i>	Read/Write	SFC_ACTION	MainProgram
Action_015 External Access: <i>Action_015 - MainProgram/StepsSim1 - *E1(Action,Action_015)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada1 External Access: Bancada1.Partida <i>Bancada1.Partida - MainProgram/StepsSim1 - A1, #1(Tran,Tran_001 (Condition))</i> Bancada1.Parada <i>Bancada1.Parada - MainProgram/StepsSim1 - C1, #1(Tran,Tran_000 (Condition)), D2, #4(Tran,Tran_003 (Condition))</i> Bancada1.Estado_1 <i>Bancada1.Estado_1 - MainProgram/StepsSim1 - *A1(Step,Bancada1.Estado_1)</i> Bancada1.Estado_2 <i>Bancada1.Estado_2 - MainProgram/StepsSim1 - *C1(Step,Bancada1.Estado_2)</i> Bancada1.Estado_3 <i>Bancada1.Estado_3 - MainProgram/StepsSim1 - *D1(Step,Bancada1.Estado_3)</i> Bancada1.Temperatura <i>Bancada1.Temperatura - MainProgram/StepsSim1 - B1, #1(Tran,Tran_002 (Condition)), D2, #1(Tran,Tran_003 (Condition))</i> <i>Bancada1.Temperatura - MainProgram/TempSim - *I-E1(OREF,Bancada1.Temperatura), I-D1(ADD,ADD_01.Dest)</i> Bancada1.TempSetpoint <i>Bancada1.TempSetpoint - MainProgram/StepsSim1 - *A1, #1(Action,Action_001 (Body)), *C1, #1(Action,Action_000 (Body)), *E1, #1(Action,Action_015 (Body)), B1, #2(Tran,Tran_002 (Condition))</i>	Read/Write 2#0 2#0 SFC_STEP SFC_STEP SFC_STEP 24.70867 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada1 (Continued)

Bancada1.TempSetpoint - MainProgram/TempSim - 1-B1(IREF,Bancada1.TempSetpoint), 1-B1(LPF,LPF_01.In)

Bancada1.TempREF 100.0 REAL

Bancada1.TempREF - MainProgram/StepsSim1 - C1, #2(Action,Action_000 (Body))

Bancada1.Ciclos 3 DINT

*Bancada1.Ciclos - MainProgram/StepsSim1 - *E1, #1(Action,Action_011 (Body)), E1, #2(Action,Action_011 (Body))*

Tran_000 0 BOOL

External Access: Read/Write

*Tran_000 - MainProgram/StepsSim1 - *C1(Tran,Tran_000), *C1, #1(Tran,Tran_000 (Condition))*

MainProgram

Tran_001 0 BOOL

External Access: Read/Write

*Tran_001 - MainProgram/StepsSim1 - *A1(Tran,Tran_001), *A1, #1(Tran,Tran_001 (Condition))*

MainProgram

Tran_002 1 BOOL

External Access: Read/Write

*Tran_002 - MainProgram/StepsSim1 - *B1(Tran,Tran_002), *B1, #1(Tran,Tran_002 (Condition))*

MainProgram

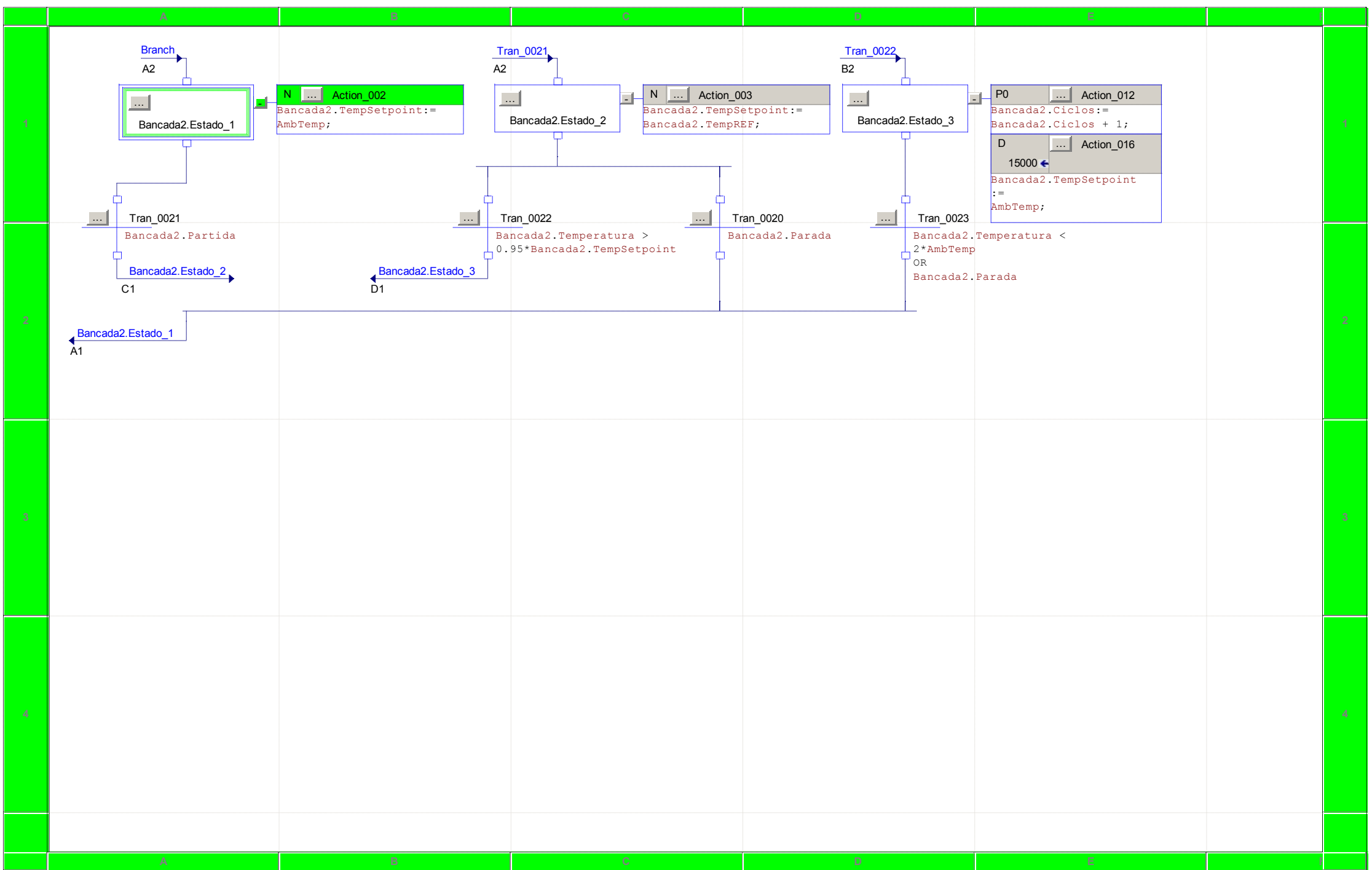
Tran_003 1 BOOL

External Access: Read/Write

*Tran_003 - MainProgram/StepsSim1 - *D2(Tran,Tran_003), *D2, #1(Tran,Tran_003 (Condition))*

MainProgram

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_002 External Access: <i>Action_002 - MainProgram/StepsSim2 - *A1(Action,Action_002)</i>	Read/Write	SFC_ACTION	MainProgram
Action_003 External Access: <i>Action_003 - MainProgram/StepsSim2 - *C1(Action,Action_003)</i>	Read/Write	SFC_ACTION	MainProgram
Action_012 External Access: <i>Action_012 - MainProgram/StepsSim2 - *E1(Action,Action_012)</i>	Read/Write	SFC_ACTION	MainProgram
Action_016 External Access: <i>Action_016 - MainProgram/StepsSim2 - *E1(Action,Action_016)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada2 External Access: Bancada2.Partida <i>Bancada2.Partida - MainProgram/StepsSim2 - A1, #1(Tran,Tran_0021 (Condition))</i> Bancada2.Parada <i>Bancada2.Parada - MainProgram/StepsSim2 - C1, #1(Tran,Tran_0020 (Condition)), D1, #4(Tran,Tran_0023 (Condition))</i> Bancada2.Estado_1 <i>Bancada2.Estado_1 - MainProgram/StepsSim2 - *A1(Step,Bancada2.Estado_1)</i> Bancada2.Estado_2 <i>Bancada2.Estado_2 - MainProgram/StepsSim2 - *C1(Step,Bancada2.Estado_2)</i> Bancada2.Estado_3 <i>Bancada2.Estado_3 - MainProgram/StepsSim2 - *D1(Step,Bancada2.Estado_3)</i> Bancada2.Temperatura <i>Bancada2.Temperatura - MainProgram/StepsSim2 - B1, #1(Tran,Tran_0022 (Condition)), D1, #1(Tran,Tran_0023 (Condition))</i> <i>Bancada2.Temperatura - MainProgram/TempSim - *I-E2(OREF,Bancada2.Temperatura), I-D2(ADD,ADD_02.Dest)</i> Bancada2.TempSetpoint <i>Bancada2.TempSetpoint - MainProgram/StepsSim2 - *A1, #1(Action,Action_002 (Body)), *C1, #1(Action,Action_003 (Body)), *E1, #1(Action,Action_016 (Body)), B1, #2(Tran,Tran_0022 (Condition))</i>	Read/Write 2#0 2#0 25.946135 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada2 (Continued)

Bancada2.TempSetpoint - MainProgram/TempSim - 1-B2(IREF,Bancada2.TempSetpoint), 1-B2(LPF,LPF_02.In)

Bancada2.TempREF 90.0 REAL

Bancada2.TempREF - MainProgram/StepsSim2 - C1, #2(Action,Action_003 (Body))

Bancada2.Ciclos 4 DINT

*Bancada2.Ciclos - MainProgram/StepsSim2 - *E1, #1(Action,Action_012 (Body)), E1, #2(Action,Action_012 (Body))*

Tran_0020 0 BOOL

External Access: Read/Write

*Tran_0020 - MainProgram/StepsSim2 - *C1(Tran,Tran_0020), *C1, #1(Tran,Tran_0020 (Condition))*

MainProgram

Tran_0021 0 BOOL

External Access: Read/Write

*Tran_0021 - MainProgram/StepsSim2 - *A1(Tran,Tran_0021), *A1, #1(Tran,Tran_0021 (Condition))*

MainProgram

Tran_0022 1 BOOL

External Access: Read/Write

*Tran_0022 - MainProgram/StepsSim2 - *B1(Tran,Tran_0022), *B1, #1(Tran,Tran_0022 (Condition))*

MainProgram

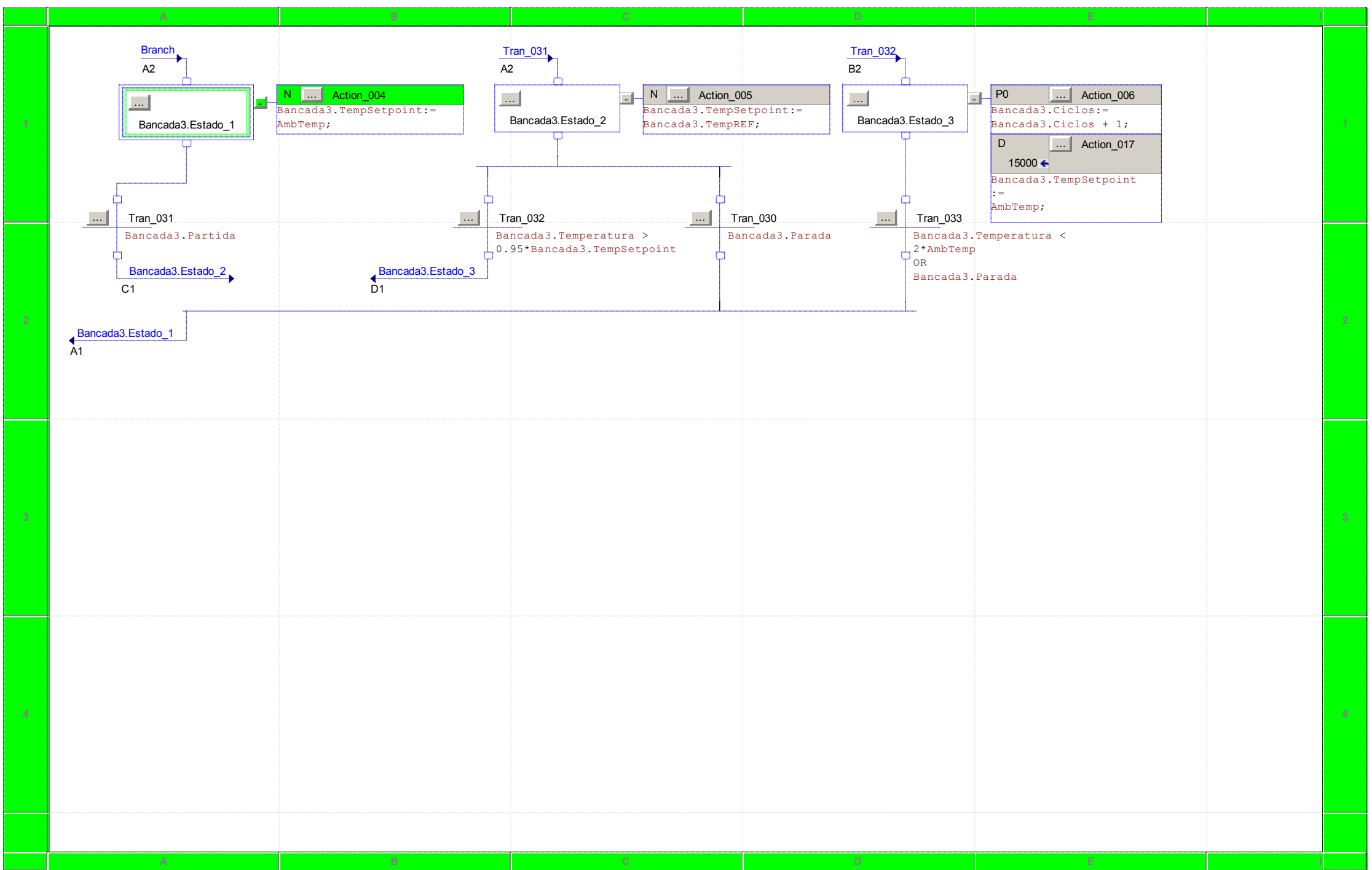
Tran_0023 1 BOOL

External Access: Read/Write

*Tran_0023 - MainProgram/StepsSim2 - *D1(Tran,Tran_0023), *D1, #1(Tran,Tran_0023 (Condition))*

MainProgram

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_004 External Access: <i>Action_004 - MainProgram/StepsSim3 - *A1(Action,Action_004)</i>	Read/Write	SFC_ACTION	MainProgram
Action_005 External Access: <i>Action_005 - MainProgram/StepsSim3 - *C1(Action,Action_005)</i>	Read/Write	SFC_ACTION	MainProgram
Action_006 External Access: <i>Action_006 - MainProgram/StepsSim3 - *E1(Action,Action_006)</i>	Read/Write	SFC_ACTION	MainProgram
Action_017 External Access: <i>Action_017 - MainProgram/StepsSim3 - *E1(Action,Action_017)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada3 External Access: Bancada3.Partida <i>Bancada3.Partida - MainProgram/StepsSim3 - A1, #1(Tran,Tran_031 (Condition))</i> Bancada3.Parada <i>Bancada3.Parada - MainProgram/StepsSim3 - C1, #1(Tran,Tran_030 (Condition)), D1, #4(Tran,Tran_033 (Condition))</i> Bancada3.Estado_1 <i>Bancada3.Estado_1 - MainProgram/StepsSim3 - *A1(Step,Bancada3.Estado_1)</i> Bancada3.Estado_2 <i>Bancada3.Estado_2 - MainProgram/StepsSim3 - *C1(Step,Bancada3.Estado_2)</i> Bancada3.Estado_3 <i>Bancada3.Estado_3 - MainProgram/StepsSim3 - *D1(Step,Bancada3.Estado_3)</i> Bancada3.Temperatura <i>Bancada3.Temperatura - MainProgram/StepsSim3 - B1, #1(Tran,Tran_032 (Condition)), D1, #1(Tran,Tran_033 (Condition))</i> <i>Bancada3.Temperatura - MainProgram/TempSim - *I-E3(OREF,Bancada3.Temperatura), I-D3(ADD,ADD_03.Dest)</i> Bancada3.TempSetpoint <i>Bancada3.TempSetpoint - MainProgram/StepsSim3 - *A1, #1(Action,Action_004 (Body)), *C1, #1(Action,Action_005 (Body)), *E1, #1(Action,Action_017 (Body)), B1, #2(Tran,Tran_032 (Condition))</i>	Read/Write 2#0 2#0 25.57738 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada3 (Continued)

Bancada3.TempSetpoint - MainProgram/TempSim - 1-B3(IREF,Bancada3.TempSetpoint), 1-B3(LPF,LPF_03.In)

Bancada3.TempREF 80.0 REAL

Bancada3.TempREF - MainProgram/StepsSim3 - C1, #2(Action,Action_005 (Body))

Bancada3.Ciclos 4 DINT

*Bancada3.Ciclos - MainProgram/StepsSim3 - *E1, #1(Action,Action_006 (Body)), E1, #2(Action,Action_006 (Body))*

Tran_030 0 BOOL

External Access: Read/Write

MainProgram

*Tran_030 - MainProgram/StepsSim3 - *C1(Tran,Tran_030), *C1, #1(Tran,Tran_030 (Condition))*

Tran_031 0 BOOL

External Access: Read/Write

MainProgram

*Tran_031 - MainProgram/StepsSim3 - *A1(Tran,Tran_031), *A1, #1(Tran,Tran_031 (Condition))*

Tran_032 1 BOOL

External Access: Read/Write

MainProgram

*Tran_032 - MainProgram/StepsSim3 - *B1(Tran,Tran_032), *B1, #1(Tran,Tran_032 (Condition))*

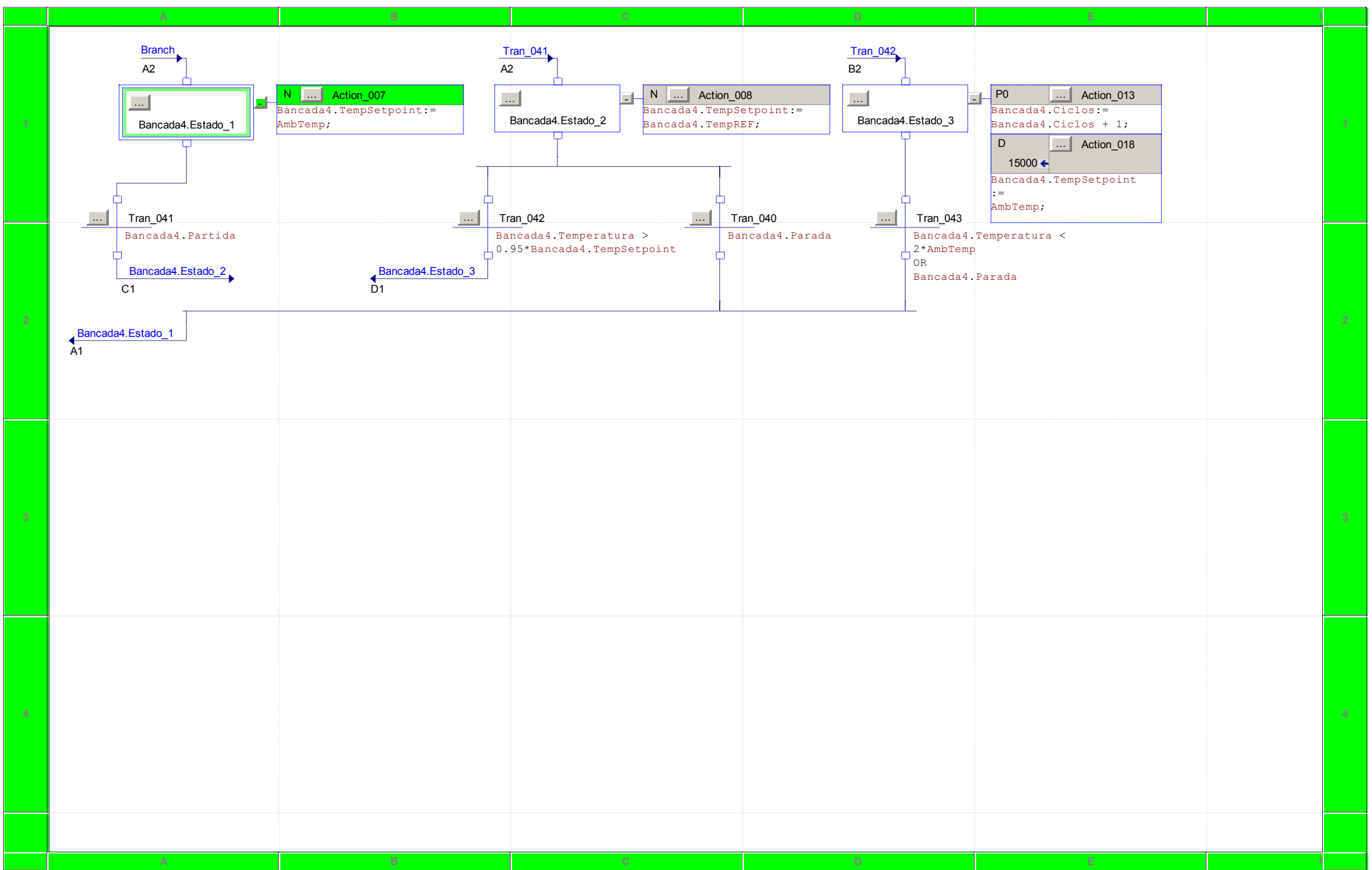
Tran_033 1 BOOL

External Access: Read/Write

MainProgram

*Tran_033 - MainProgram/StepsSim3 - *D1(Tran,Tran_033), *D1, #1(Tran,Tran_033 (Condition))*

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_007 External Access: <i>Action_007 - MainProgram/StepsSim4 - *A1(Action,Action_007)</i>	Read/Write	SFC_ACTION	MainProgram
Action_008 External Access: <i>Action_008 - MainProgram/StepsSim4 - *C1(Action,Action_008)</i>	Read/Write	SFC_ACTION	MainProgram
Action_013 External Access: <i>Action_013 - MainProgram/StepsSim4 - *E1(Action,Action_013)</i>	Read/Write	SFC_ACTION	MainProgram
Action_018 External Access: <i>Action_018 - MainProgram/StepsSim4 - *E1(Action,Action_018)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada4 External Access: Bancada4.Partida <i>Bancada4.Partida - MainProgram/StepsSim4 - A1, #1(Tran,Tran_041 (Condition))</i> Bancada4.Parada <i>Bancada4.Parada - MainProgram/StepsSim4 - C1, #1(Tran,Tran_040 (Condition)), D1, #4(Tran,Tran_043 (Condition))</i> Bancada4.Estado_1 <i>Bancada4.Estado_1 - MainProgram/StepsSim4 - *A1(Step,Bancada4.Estado_1)</i> Bancada4.Estado_2 <i>Bancada4.Estado_2 - MainProgram/StepsSim4 - *C1(Step,Bancada4.Estado_2)</i> Bancada4.Estado_3 <i>Bancada4.Estado_3 - MainProgram/StepsSim4 - *D1(Step,Bancada4.Estado_3)</i> Bancada4.Temperatura <i>Bancada4.Temperatura - MainProgram/StepsSim4 - B1, #1(Tran,Tran_042 (Condition)), D1, #1(Tran,Tran_043 (Condition))</i> <i>Bancada4.Temperatura - MainProgram/TempSim - *2-E1(OREF,Bancada4.Temperatura), 2-D1(ADD,ADD_04.Dest)</i> Bancada4.TempSetpoint <i>Bancada4.TempSetpoint - MainProgram/StepsSim4 - *A1, #1(Action,Action_007 (Body)), *C1, #1(Action,Action_008 (Body)), *E1, #1(Action,Action_018 (Body)), B1, #2(Tran,Tran_042 (Condition))</i>	Read/Write 2#0 2#0 SFC_STEP SFC_STEP SFC_STEP 25.295237 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada4 (Continued)

Bancada4.TempSetpoint - MainProgram/TempSim - 2-A1(IREF,Bancada4.TempSetpoint), 2-B1(LPF,LPF_04.In)

Bancada4.TempREF 130.0 REAL

Bancada4.TempREF - MainProgram/StepsSim4 - C1, #2(Action,Action_008 (Body))

Bancada4.Ciclos 5 DINT

*Bancada4.Ciclos - MainProgram/StepsSim4 - *E1, #1(Action,Action_013 (Body)), E1, #2(Action,Action_013 (Body))*

Tran_040 0 BOOL

External Access: Read/Write

MainProgram

*Tran_040 - MainProgram/StepsSim4 - *C1(Tran,Tran_040), *C1, #1(Tran,Tran_040 (Condition))*

Tran_041 0 BOOL

External Access: Read/Write

MainProgram

*Tran_041 - MainProgram/StepsSim4 - *A1(Tran,Tran_041), *A1, #1(Tran,Tran_041 (Condition))*

Tran_042 1 BOOL

External Access: Read/Write

MainProgram

*Tran_042 - MainProgram/StepsSim4 - *B1(Tran,Tran_042), *B1, #1(Tran,Tran_042 (Condition))*

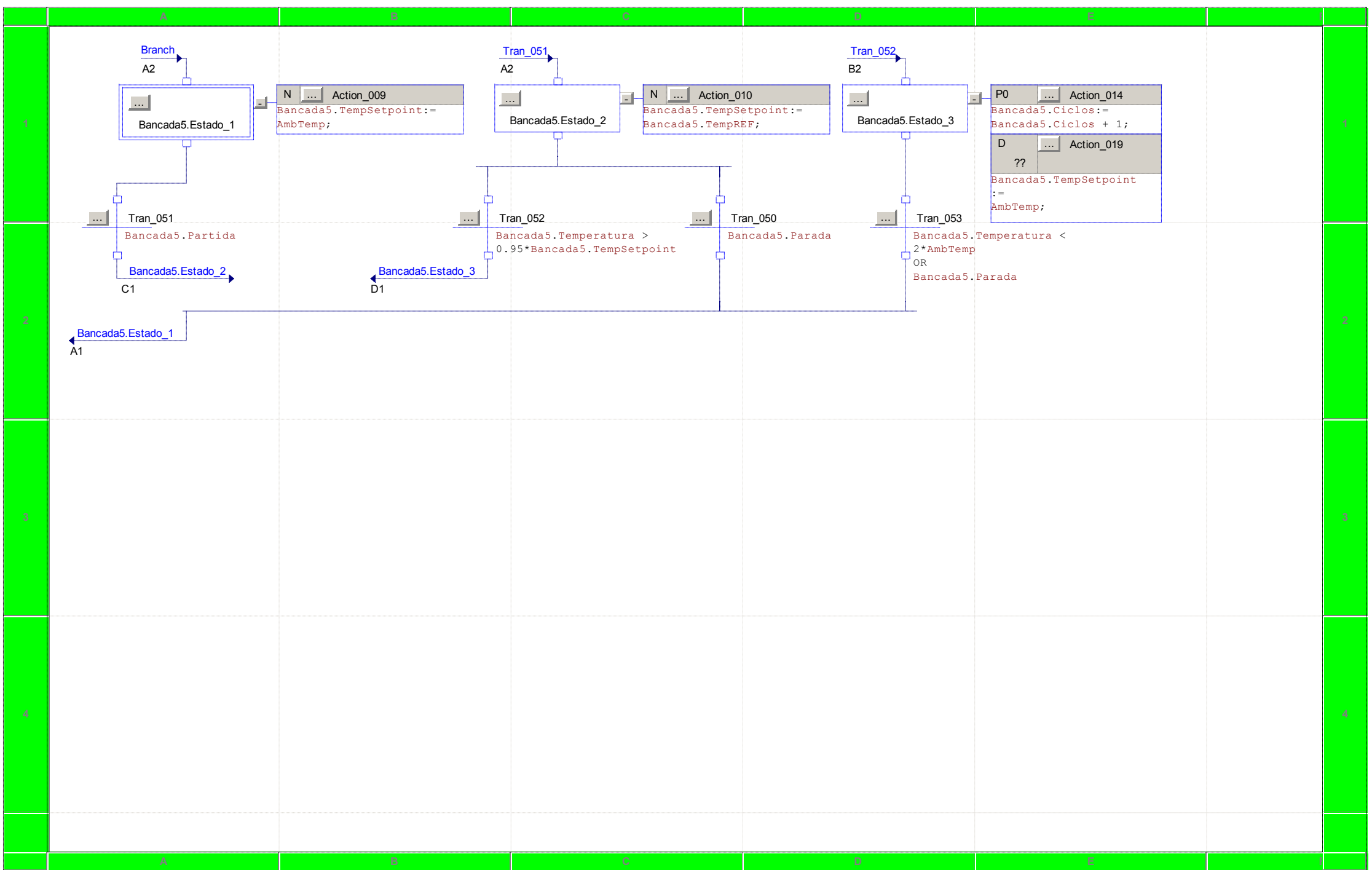
Tran_043 1 BOOL

External Access: Read/Write

MainProgram

*Tran_043 - MainProgram/StepsSim4 - *D1(Tran,Tran_043), *D1, #1(Tran,Tran_043 (Condition))*

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_009 External Access: <i>Action_009 - MainProgram/StepsSim5 - *A1(Action,Action_009)</i>	Read/Write	SFC_ACTION	MainProgram
Action_010 External Access: <i>Action_010 - MainProgram/StepsSim5 - *C1(Action,Action_010)</i>	Read/Write	SFC_ACTION	MainProgram
Action_014 External Access: <i>Action_014 - MainProgram/StepsSim5 - *E1(Action,Action_014)</i>	Read/Write	SFC_ACTION	MainProgram
Action_019 External Access: <i>Action_019 - MainProgram/StepsSim5 - *E1(Action,Action_019)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada5 External Access: Bancada5.Partida <i>Bancada5.Partida - MainProgram/StepsSim5 - A1, #1(Tran,Tran_051 (Condition))</i> Bancada5.Parada <i>Bancada5.Parada - MainProgram/StepsSim5 - C1, #1(Tran,Tran_050 (Condition)), D1, #4(Tran,Tran_053 (Condition))</i> Bancada5.Estado_1 <i>Bancada5.Estado_1 - MainProgram/StepsSim5 - *A1(Step,Bancada5.Estado_1)</i> Bancada5.Estado_2 <i>Bancada5.Estado_2 - MainProgram/StepsSim5 - *C1(Step,Bancada5.Estado_2)</i> Bancada5.Estado_3 <i>Bancada5.Estado_3 - MainProgram/StepsSim5 - *D1(Step,Bancada5.Estado_3)</i> Bancada5.Temperatura <i>Bancada5.Temperatura - MainProgram/StepsSim5 - B1, #1(Tran,Tran_052 (Condition)), D1, #1(Tran,Tran_053 (Condition))</i> <i>Bancada5.Temperatura - MainProgram/TempSim - *2-E2(OREF,Bancada5.Temperatura), 2-D2(ADD,ADD_05.Dest)</i> Bancada5.TempSetpoint <i>Bancada5.TempSetpoint - MainProgram/StepsSim5 - *A1, #1(Action,Action_009 (Body)), *C1, #1(Action,Action_010 (Body)), *E1, #1(Action,Action_019 (Body)), B1, #2(Tran,Tran_052 (Condition))</i>	Read/Write 2#0 2#0 24.478958 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada5 (Continued)

Bancada5.TempSetpoint - MainProgram/TempSim - 2-A2(IREF,Bancada5.TempSetpoint), 2-B2(LPF,LPF_05.In)

Bancada5.TempREF 115.0 REAL

Bancada5.TempREF - MainProgram/StepsSim5 - C1, #2(Action,Action_010 (Body))

Bancada5.Ciclos 4 DINT

*Bancada5.Ciclos - MainProgram/StepsSim5 - *E1, #1(Action,Action_014 (Body)), E1, #2(Action,Action_014 (Body))*

Tran_050 0 BOOL

External Access: Read/Write

*Tran_050 - MainProgram/StepsSim5 - *C1(Tran,Tran_050), *C1, #1(Tran,Tran_050 (Condition))*

MainProgram

Tran_051 0 BOOL

External Access: Read/Write

*Tran_051 - MainProgram/StepsSim5 - *A1(Tran,Tran_051), *A1, #1(Tran,Tran_051 (Condition))*

MainProgram

Tran_052 1 BOOL

External Access: Read/Write

*Tran_052 - MainProgram/StepsSim5 - *B1(Tran,Tran_052), *B1, #1(Tran,Tran_052 (Condition))*

MainProgram

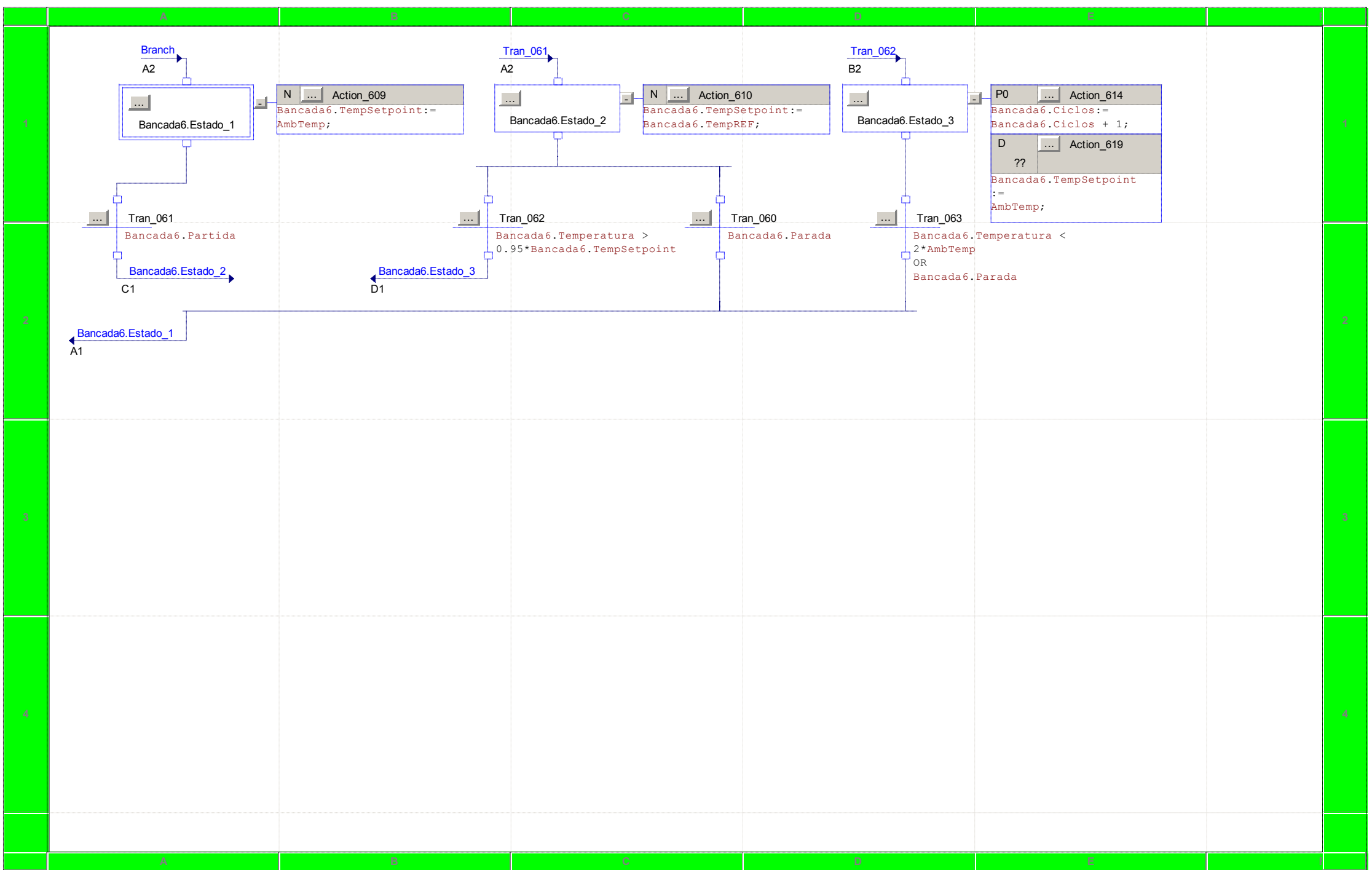
Tran_053 1 BOOL

External Access: Read/Write

*Tran_053 - MainProgram/StepsSim5 - *D1(Tran,Tran_053), *D1, #1(Tran,Tran_053 (Condition))*

MainProgram

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_609 External Access: <i>Action_609 - MainProgram/StepsSim6 - *A1(Action,Action_609)</i>	Read/Write	SFC_ACTION	MainProgram
Action_610 External Access: <i>Action_610 - MainProgram/StepsSim6 - *C1(Action,Action_610)</i>	Read/Write	SFC_ACTION	MainProgram
Action_614 External Access: <i>Action_614 - MainProgram/StepsSim6 - *E1(Action,Action_614)</i>	Read/Write	SFC_ACTION	MainProgram
Action_619 External Access: <i>Action_619 - MainProgram/StepsSim6 - *E1(Action,Action_619)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada6 External Access: Bancada6.Partida <i>Bancada6.Partida - MainProgram/StepsSim6 - A1, #1(Tran,Tran_061 (Condition))</i> Bancada6.Parada <i>Bancada6.Parada - MainProgram/StepsSim6 - C1, #1(Tran,Tran_060 (Condition)), D1, #4(Tran,Tran_063 (Condition))</i> Bancada6.Estado_1 <i>Bancada6.Estado_1 - MainProgram/StepsSim6 - *A1(Step,Bancada6.Estado_1)</i> Bancada6.Estado_2 <i>Bancada6.Estado_2 - MainProgram/StepsSim6 - *C1(Step,Bancada6.Estado_2)</i> Bancada6.Estado_3 <i>Bancada6.Estado_3 - MainProgram/StepsSim6 - *D1(Step,Bancada6.Estado_3)</i> Bancada6.Temperatura <i>Bancada6.Temperatura - MainProgram/StepsSim6 - B1, #1(Tran,Tran_062 (Condition)), D1, #1(Tran,Tran_063 (Condition))</i> <i>Bancada6.Temperatura - MainProgram/TempSim - *2-E3(OREF,Bancada6.Temperatura), 2-D3(ADD,ADD_06.Dest)</i> Bancada6.TempSetpoint <i>Bancada6.TempSetpoint - MainProgram/StepsSim6 - *A1, #1(Action,Action_609 (Body)), *C1, #1(Action,Action_610 (Body)), *E1, #1(Action,Action_619 (Body)), B1, #2(Tran,Tran_062 (Condition))</i>	Read/Write 2#0 2#0 SFC_STEP SFC_STEP SFC_STEP 25.309284 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada6 (Continued)

Bancada6.TempSetpoint - MainProgram/TempSim - 2-A3(IREF,Bancada6.TempSetpoint), 2-B3(LPF,LPF_06.In)

Bancada6.TempREF 115.0 REAL

Bancada6.TempREF - MainProgram/StepsSim6 - C1, #2(Action,Action_610 (Body))

Bancada6.Ciclos 0 DINT

*Bancada6.Ciclos - MainProgram/StepsSim6 - *E1, #1(Action,Action_614 (Body)), E1, #2(Action,Action_614 (Body))*

Tran_060 0 BOOL

External Access: Read/Write

MainProgram

*Tran_060 - MainProgram/StepsSim6 - *C1(Tran,Tran_060), *C1, #1(Tran,Tran_060 (Condition))*

Tran_061 0 BOOL

External Access: Read/Write

MainProgram

*Tran_061 - MainProgram/StepsSim6 - *A1(Tran,Tran_061), *A1, #1(Tran,Tran_061 (Condition))*

Tran_062 0 BOOL

External Access: Read/Write

MainProgram

*Tran_062 - MainProgram/StepsSim6 - *B1(Tran,Tran_062), *B1, #1(Tran,Tran_062 (Condition))*

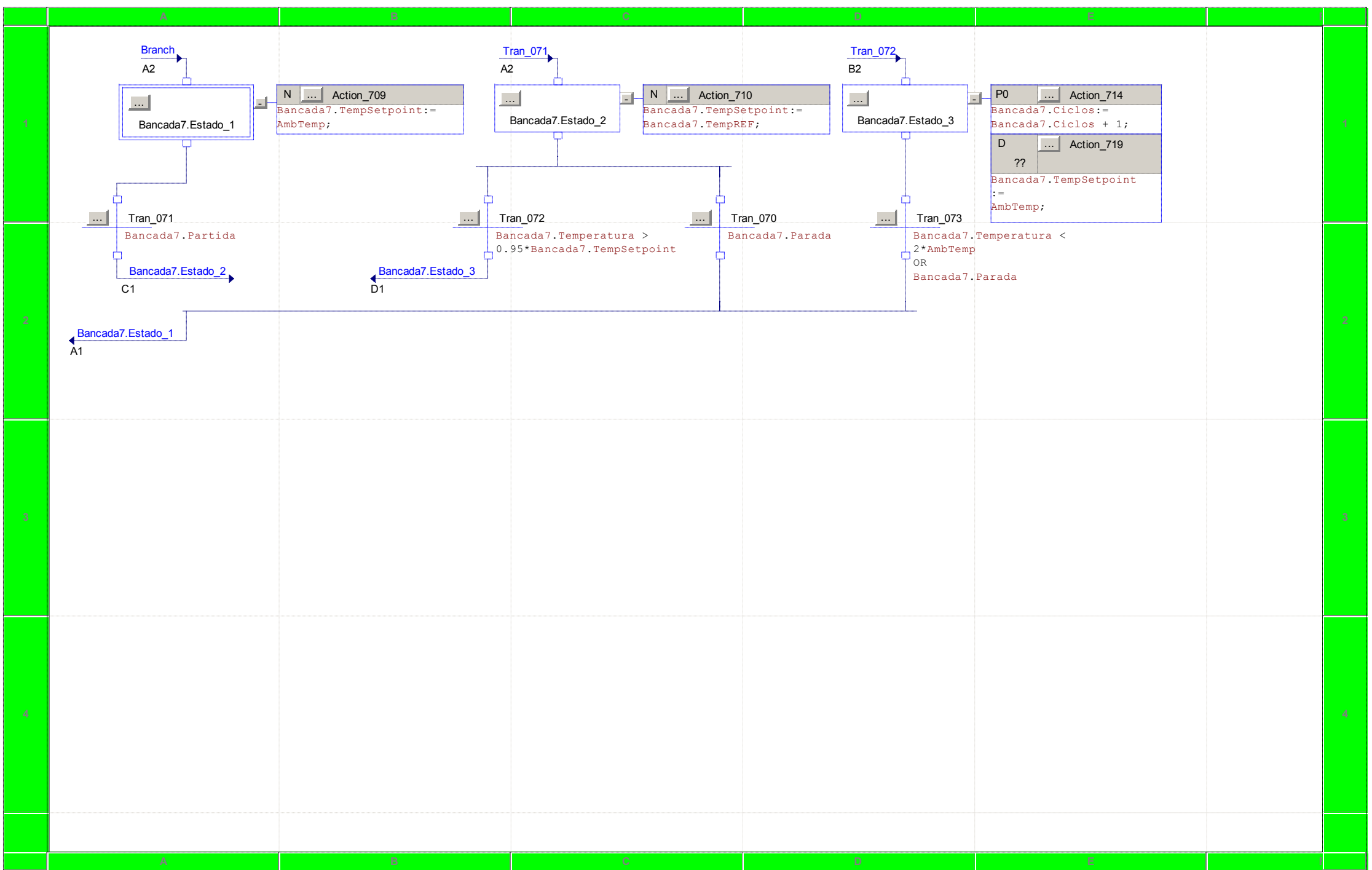
Tran_063 0 BOOL

External Access: Read/Write

MainProgram

*Tran_063 - MainProgram/StepsSim6 - *D1(Tran,Tran_063), *D1, #1(Tran,Tran_063 (Condition))*

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_709 External Access: <i>Action_709 - MainProgram/StepsSim7 - *A1(Action,Action_709)</i>	Read/Write	SFC_ACTION	MainProgram
Action_710 External Access: <i>Action_710 - MainProgram/StepsSim7 - *C1(Action,Action_710)</i>	Read/Write	SFC_ACTION	MainProgram
Action_714 External Access: <i>Action_714 - MainProgram/StepsSim7 - *E1(Action,Action_714)</i>	Read/Write	SFC_ACTION	MainProgram
Action_719 External Access: <i>Action_719 - MainProgram/StepsSim7 - *E1(Action,Action_719)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada7 External Access: Bancada7.Partida <i>Bancada7.Partida - MainProgram/StepsSim7 - A1, #1(Tran,Tran_071 (Condition))</i> Bancada7.Parada <i>Bancada7.Parada - MainProgram/StepsSim7 - C1, #1(Tran,Tran_070 (Condition)), D1, #4(Tran,Tran_073 (Condition))</i> Bancada7.Estado_1 <i>Bancada7.Estado_1 - MainProgram/StepsSim7 - *A1(Step,Bancada7.Estado_1)</i> Bancada7.Estado_2 <i>Bancada7.Estado_2 - MainProgram/StepsSim7 - *C1(Step,Bancada7.Estado_2)</i> Bancada7.Estado_3 <i>Bancada7.Estado_3 - MainProgram/StepsSim7 - *D1(Step,Bancada7.Estado_3)</i> Bancada7.Temperatura <i>Bancada7.Temperatura - MainProgram/StepsSim7 - B1, #1(Tran,Tran_072 (Condition)), D1, #1(Tran,Tran_073 (Condition))</i> <i>Bancada7.Temperatura - MainProgram/TempSim - *2-E4(OREF,Bancada7.Temperatura), 2-D4(ADD,ADD_07.Dest)</i> Bancada7.TempSetpoint <i>Bancada7.TempSetpoint - MainProgram/StepsSim7 - *A1, #1(Action,Action_709 (Body)), *C1, #1(Action,Action_710 (Body)), *E1, #1(Action,Action_719 (Body)), B1, #2(Tran,Tran_072 (Condition))</i>	Read/Write 2#0 2#0 25.146269 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada7 (Continued)

Bancada7.TempSetpoint - MainProgram/TempSim - 2-A4(IREF,Bancada7.TempSetpoint), 2-B4(LPF,LPF_07.In)

Bancada7.TempREF 95.0 REAL

Bancada7.TempREF - MainProgram/StepsSim7 - C1, #2(Action,Action_710 (Body))

Bancada7.Ciclos 3 DINT

*Bancada7.Ciclos - MainProgram/StepsSim7 - *E1, #1(Action,Action_714 (Body)), E1, #2(Action,Action_714 (Body))*

Tran_070 0 BOOL

External Access: Read/Write

MainProgram

*Tran_070 - MainProgram/StepsSim7 - *C1(Tran,Tran_070), *C1, #1(Tran,Tran_070 (Condition))*

Tran_071 0 BOOL

External Access: Read/Write

MainProgram

*Tran_071 - MainProgram/StepsSim7 - *A1(Tran,Tran_071), *A1, #1(Tran,Tran_071 (Condition))*

Tran_072 1 BOOL

External Access: Read/Write

MainProgram

*Tran_072 - MainProgram/StepsSim7 - *B1(Tran,Tran_072), *B1, #1(Tran,Tran_072 (Condition))*

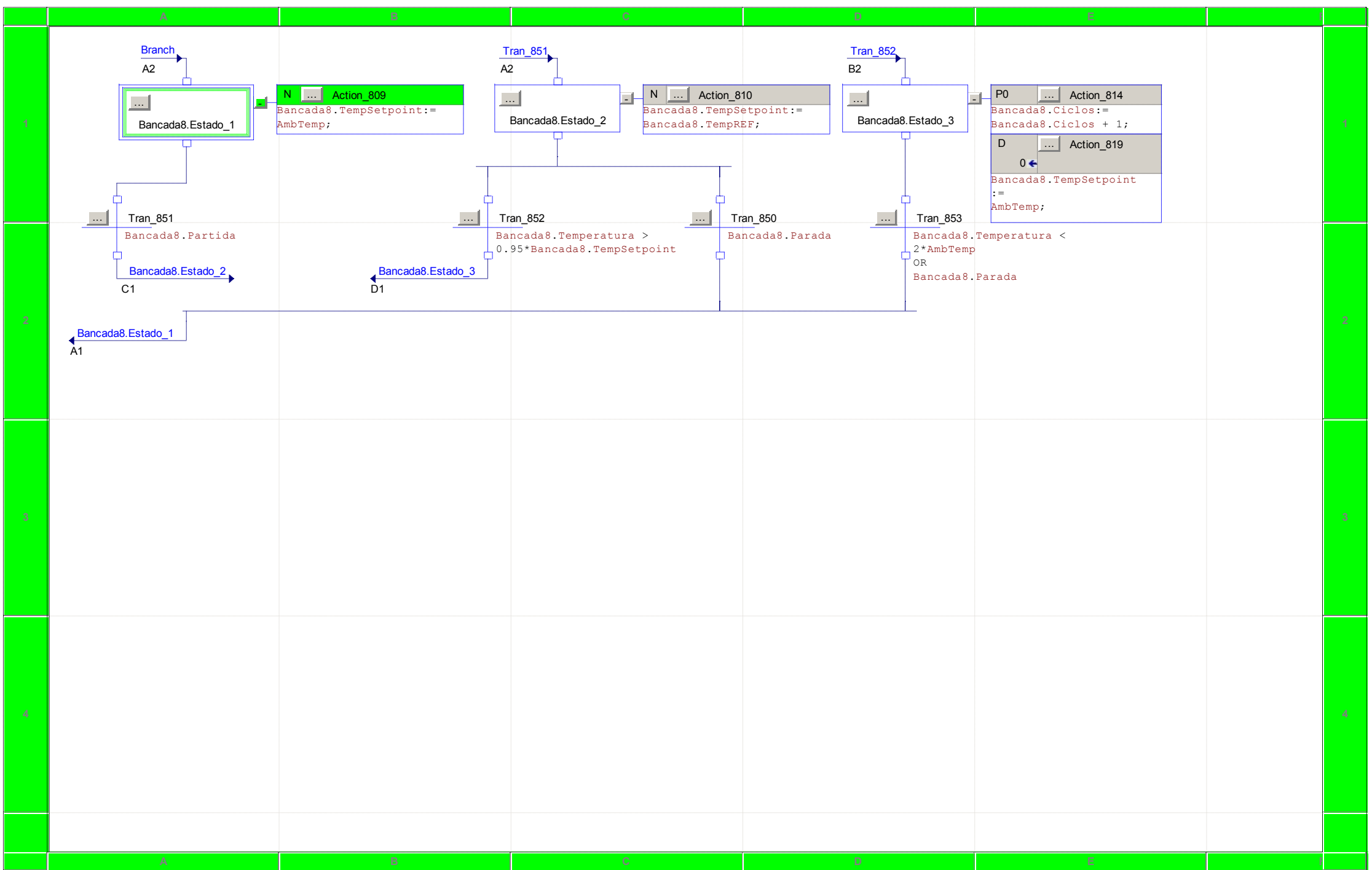
Tran_073 1 BOOL

External Access: Read/Write

MainProgram

*Tran_073 - MainProgram/StepsSim7 - *D1(Tran,Tran_073), *D1, #1(Tran,Tran_073 (Condition))*

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape



Name	Value	Data Type	Scope
Action_809 External Access: <i>Action_809 - MainProgram/StepsSim8 - *A1(Action,Action_809)</i>	Read/Write	SFC_ACTION	MainProgram
Action_810 External Access: <i>Action_810 - MainProgram/StepsSim8 - *C1(Action,Action_810)</i>	Read/Write	SFC_ACTION	MainProgram
Action_814 External Access: <i>Action_814 - MainProgram/StepsSim8 - *E1(Action,Action_814)</i>	Read/Write	SFC_ACTION	MainProgram
Action_819 External Access: <i>Action_819 - MainProgram/StepsSim8 - *E1(Action,Action_819)</i>	Read/Write	SFC_ACTION	MainProgram
 AmbTemp Constant External Access: <i>AmbTemp - MainProgram/StepsSim1 - A1, #3(Action,Action_001 (Body)), D2, #2(Tran,Tran_003 (Condition)), E1, #3(Action,Action_015 (Body))</i> <i>AmbTemp - MainProgram/StepsSim2 - A1, #2(Action,Action_002 (Body)), D1, #2(Tran,Tran_0023 (Condition)), E1, #3(Action,Action_016 (Body))</i> <i>AmbTemp - MainProgram/StepsSim3 - A1, #2(Action,Action_004 (Body)), D1, #2(Tran,Tran_033 (Condition)), E1, #3(Action,Action_017 (Body))</i> <i>AmbTemp - MainProgram/StepsSim4 - A1, #2(Action,Action_007 (Body)), D1, #2(Tran,Tran_043 (Condition)), E1, #3(Action,Action_018 (Body))</i> <i>AmbTemp - MainProgram/StepsSim5 - A1, #2(Action,Action_009 (Body)), D1, #2(Tran,Tran_053 (Condition)), E1, #3(Action,Action_019 (Body))</i> <i>AmbTemp - MainProgram/StepsSim6 - A1, #2(Action,Action_609 (Body)), D1, #2(Tran,Tran_063 (Condition)), E1, #3(Action,Action_619 (Body))</i> <i>AmbTemp - MainProgram/StepsSim7 - A1, #2(Action,Action_709 (Body)), D1, #2(Tran,Tran_073 (Condition)), E1, #3(Action,Action_719 (Body))</i> <i>AmbTemp - MainProgram/StepsSim8 - A1, #2(Action,Action_809 (Body)), D1, #2(Tran,Tran_853 (Condition)), E1, #3(Action,Action_819 (Body))</i>	25 No Read Only	DINT	SistemaSimulado
 Bancada8 External Access: Bancada8.Partida <i>Bancada8.Partida - MainProgram/StepsSim8 - A1, #1(Tran,Tran_851 (Condition))</i> Bancada8.Parada <i>Bancada8.Parada - MainProgram/StepsSim8 - C1, #1(Tran,Tran_850 (Condition)), D1, #4(Tran,Tran_853 (Condition))</i> Bancada8.Estado_1 <i>Bancada8.Estado_1 - MainProgram/StepsSim8 - *A1(Step,Bancada8.Estado_1)</i> Bancada8.Estado_2 <i>Bancada8.Estado_2 - MainProgram/StepsSim8 - *C1(Step,Bancada8.Estado_2)</i> Bancada8.Estado_3 <i>Bancada8.Estado_3 - MainProgram/StepsSim8 - *D1(Step,Bancada8.Estado_3)</i> Bancada8.Temperatura <i>Bancada8.Temperatura - MainProgram/StepsSim8 - B1, #1(Tran,Tran_852 (Condition)), D1, #1(Tran,Tran_853 (Condition))</i> <i>Bancada8.Temperatura - MainProgram/TempSim - *3-E1(OREF,Bancada8.Temperatura), 3-D1(ADD,ADD_08.Dest)</i> Bancada8.TempSetpoint <i>Bancada8.TempSetpoint - MainProgram/StepsSim8 - *A1, #1(Action,Action_809 (Body)), *C1, #1(Action,Action_810 (Body)), *E1, #1(Action,Action_819 (Body)), B1, #2(Tran,Tran_852 (Condition))</i>	Read/Write 2#0 2#0 SFC_STEP SFC_STEP SFC_STEP 24.30872 25.0	Bancada BOOL BOOL SFC_STEP SFC_STEP SFC_STEP REAL REAL	SistemaSimulado

Bancada8 (Continued)

Bancada8.TempSetpoint - MainProgram/TempSim - 3-A1(IREF,Bancada8.TempSetpoint), 3-B1(LPF,LPF_08.In)

Bancada8.TempREF 105.0 REAL

Bancada8.TempREF - MainProgram/StepsSim8 - C1, #2(Action,Action_810 (Body))

Bancada8.Ciclos 1 DINT

*Bancada8.Ciclos - MainProgram/StepsSim8 - *E1, #1(Action,Action_814 (Body)), E1, #2(Action,Action_814 (Body))*

Tran_850 0 BOOL

External Access: Read/Write

*Tran_850 - MainProgram/StepsSim8 - *C1(Tran,Tran_850), *C1, #1(Tran,Tran_850 (Condition))*

MainProgram

Tran_851 0 BOOL

External Access: Read/Write

*Tran_851 - MainProgram/StepsSim8 - *A1(Tran,Tran_851), *A1, #1(Tran,Tran_851 (Condition))*

MainProgram

Tran_852 1 BOOL

External Access: Read/Write

*Tran_852 - MainProgram/StepsSim8 - *B1(Tran,Tran_852), *B1, #1(Tran,Tran_852 (Condition))*

MainProgram

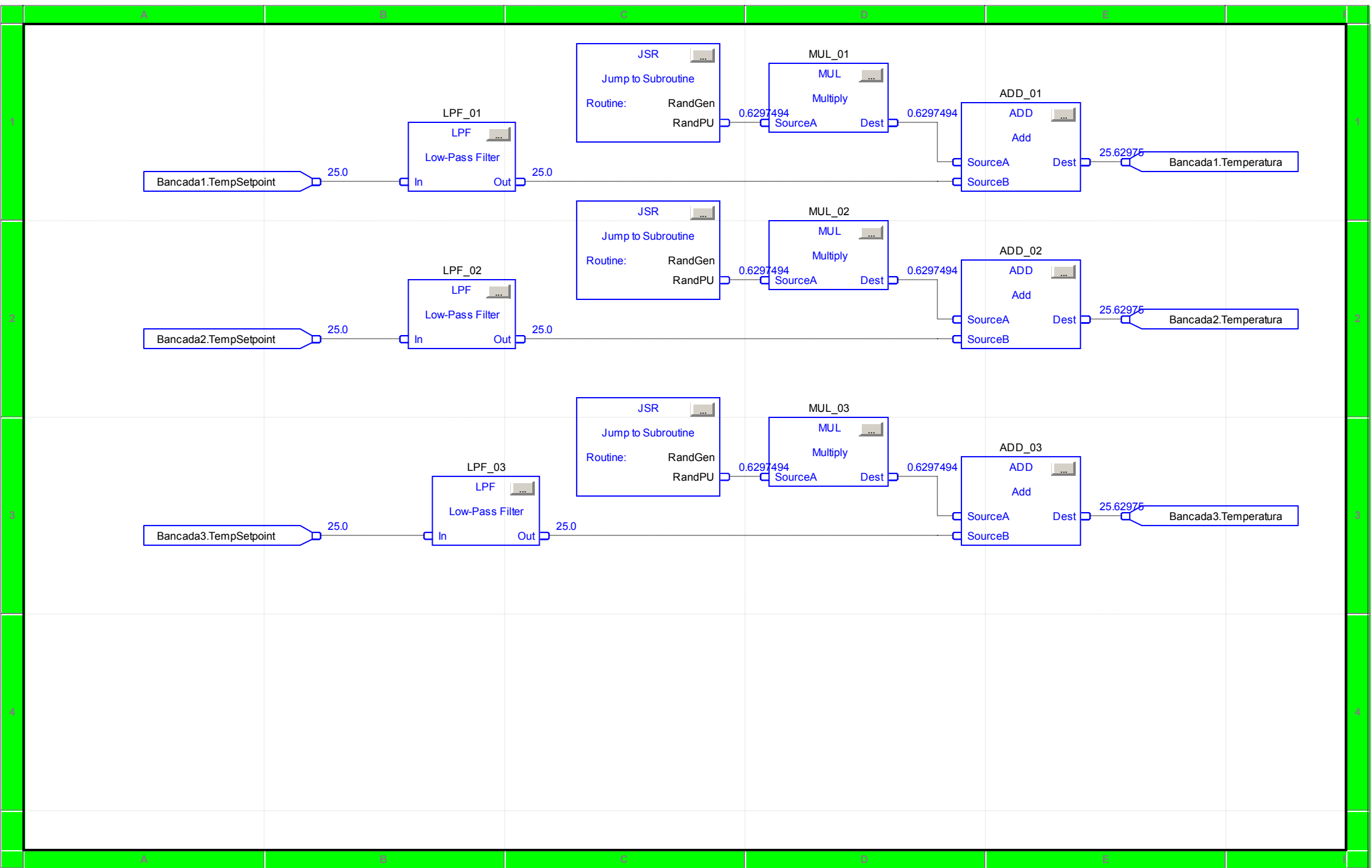
Tran_853 1 BOOL

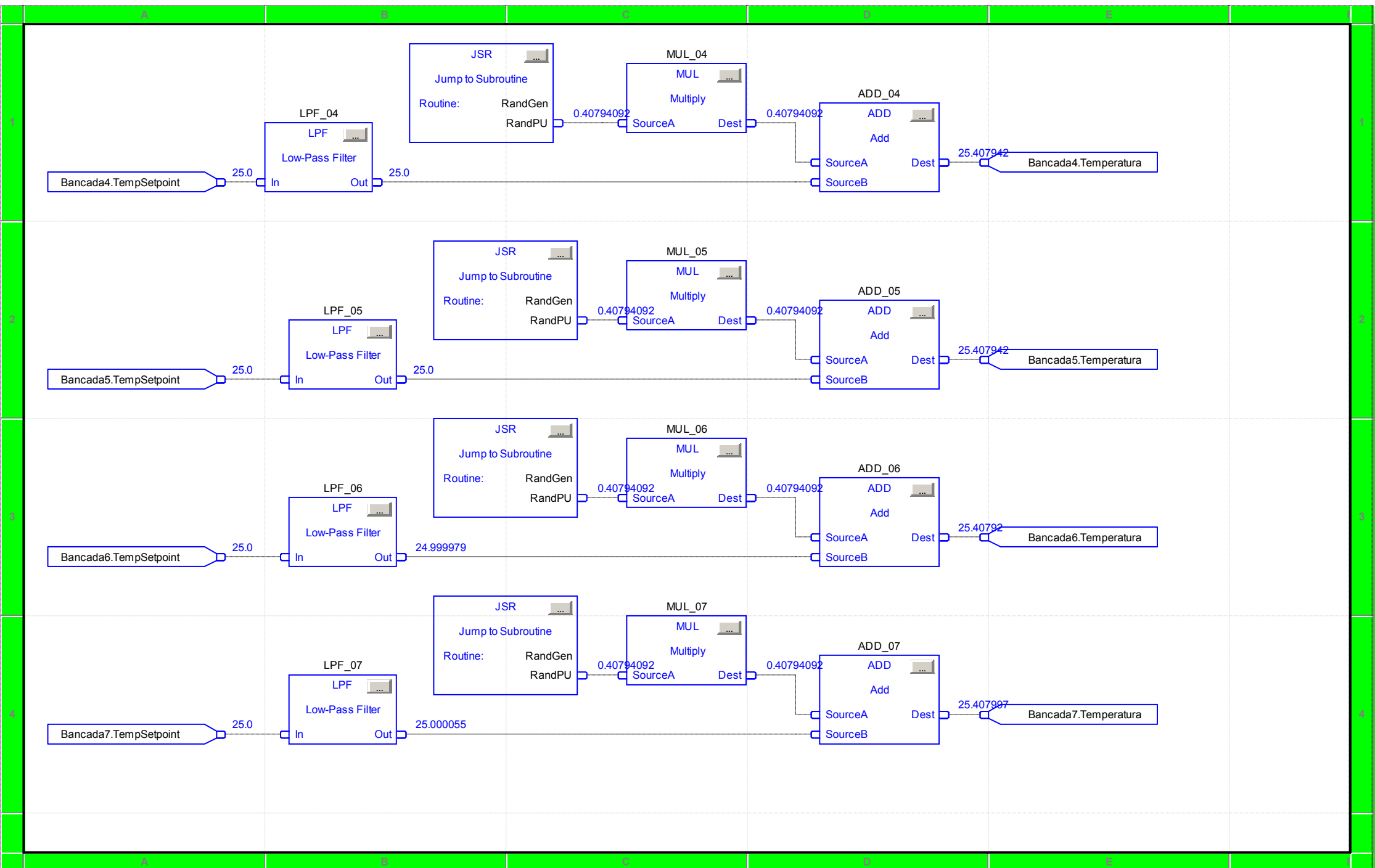
External Access: Read/Write

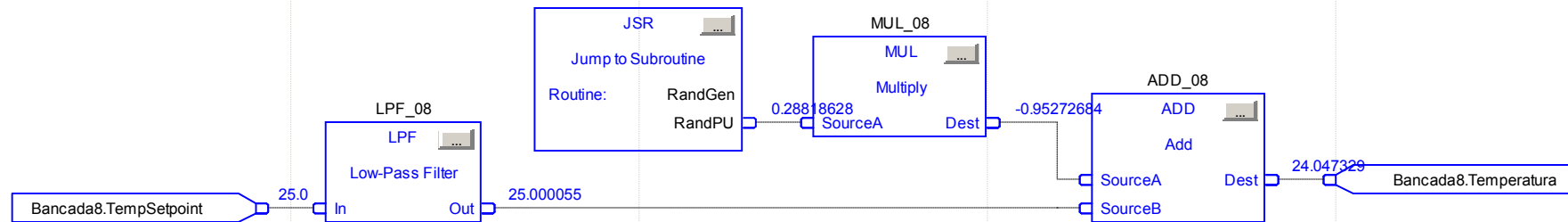
*Tran_853 - MainProgram/StepsSim8 - *D1(Tran,Tran_853), *D1, #1(Tran,Tran_853 (Condition))*

MainProgram

General			
Type:	 Sequential Function Chart	Number of Steps:	Original 3
In Program:	 MainProgram		
Auto-Naming			
Step:	Step_000	Action:	Action_020
Transition:	Tran_004	Stop:	Stop_000
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape







TempSim - Routine Tag Listing			Page 63
SistemaSimulado:MainTask:MainProgram			9/2/2020 10:26:59 AM
			\\tsclient\G\SistemaSimulador.ACD
Name	Value	Data Type	Scope
ADD_01		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_01 - MainProgram/TempSim - *1-B1(LPF,LPF_01.Out), *1-D1(ADD,ADD_01), *1-D1(MUL,MUL_01.Dest), *1-E1(OREF,Bancada1.Temperatura)			
ADD_02		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_02 - MainProgram/TempSim - *1-B2(LPF,LPF_02.Out), *1-D2(ADD,ADD_02), *1-D2(MUL,MUL_02.Dest), *1-E2(OREF,Bancada2.Temperatura)			
ADD_03		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_03 - MainProgram/TempSim - *1-B3(LPF,LPF_03.Out), *1-D3(ADD,ADD_03), *1-D3(MUL,MUL_03.Dest), *1-E3(OREF,Bancada3.Temperatura)			
ADD_04		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_04 - MainProgram/TempSim - *2-B1(LPF,LPF_04.Out), *2-C1(MUL,MUL_04.Dest), *2-D1(ADD,ADD_04), *2-E1(OREF,Bancada4.Temperatura)			
ADD_05		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_05 - MainProgram/TempSim - *2-B2(LPF,LPF_05.Out), *2-C2(MUL,MUL_05.Dest), *2-D2(ADD,ADD_05), *2-E2(OREF,Bancada5.Temperatura)			
ADD_06		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_06 - MainProgram/TempSim - *2-B3(LPF,LPF_06.Out), *2-C3(MUL,MUL_06.Dest), *2-D3(ADD,ADD_06), *2-E3(OREF,Bancada6.Temperatura)			
ADD_07		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_07 - MainProgram/TempSim - *2-B4(LPF,LPF_07.Out), *2-C4(MUL,MUL_07.Dest), *2-D4(ADD,ADD_07), *2-E4(OREF,Bancada7.Temperatura)			
ADD_08		FBD_MATH	MainProgram
External Access:	Read/Write		
ADD_08 - MainProgram/TempSim - *3-B1(LPF,LPF_08.Out), *3-C1(MUL,MUL_08.Dest), *3-D1(ADD,ADD_08), *3-E1(OREF,Bancada8.Temperatura)			
 Bancada1		Bancada	SistemaSimulado
External Access:	Read/Write		
Bancada1.Partida	2#0	BOOL	
Bancada1.Partida - MainProgram/StepsSim1 - A1, #1(Tran,Tran_001 (Condition))			
Bancada1.Parada	2#0	BOOL	
Bancada1.Parada - MainProgram/StepsSim1 - C1, #1(Tran,Tran_000 (Condition)), D2, #4(Tran,Tran_003 (Condition))			
Bancada1.Estado_1		SFC_STEP	
Bancada1.Estado_1 - MainProgram/StepsSim1 - *A1(Step,Bancada1.Estado_1)			
Bancada1.Estado_2		SFC_STEP	
Bancada1.Estado_2 - MainProgram/StepsSim1 - *C1(Step,Bancada1.Estado_2)			
Bancada1.Estado_3		SFC_STEP	
Bancada1.Estado_3 - MainProgram/StepsSim1 - *D1(Step,Bancada1.Estado_3)			
Bancada1.Temperatura	25.725243	REAL	
			RSLogix 5000

Bancada1 (Continued)			
Bancada1.Temperatura - MainProgram/StepsSim1 - B1, #1(Tran,Tran_002 (Condition)), D2, #1(Tran,Tran_003 (Condition))			
Bancada1.Temperatura - MainProgram/TempSim - *I-E1(OREF,Bancada1.Temperatura), I-D1(ADD,ADD_01.Dest)			
Bancada1.TempSetpoint	25.0	REAL	
Bancada1.TempSetpoint - MainProgram/StepsSim1 - *A1, #1(Action,Action_001 (Body)), *C1, #1(Action,Action_000 (Body)), *E1, #1(Action,Action_015 (Body)), B1, #2(Tran,Tran_002 (Condition))			
Bancada1.TempSetpoint - MainProgram/TempSim - I-B1(IREF,Bancada1.TempSetpoint), I-B1(LPF,LPF_01.In)			
Bancada1.TempREF	100.0	REAL	
Bancada1.TempREF - MainProgram/StepsSim1 - C1, #2(Action,Action_000 (Body))			
Bancada1.Ciclos	3	DINT	
Bancada1.Ciclos - MainProgram/StepsSim1 - *E1, #1(Action,Action_011 (Body)), E1, #2(Action,Action_011 (Body))			
 Bancada2		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada2.Partida	2#0	BOOL	
Bancada2.Partida - MainProgram/StepsSim2 - A1, #1(Tran,Tran_0021 (Condition))			
Bancada2.Parada	2#0	BOOL	
Bancada2.Parada - MainProgram/StepsSim2 - C1, #1(Tran,Tran_0020 (Condition)), D1, #4(Tran,Tran_0023 (Condition))			
Bancada2.Estado_1		SFC_STEP	
Bancada2.Estado_1 - MainProgram/StepsSim2 - *A1(Step,Bancada2.Estado_1)			
Bancada2.Estado_2		SFC_STEP	
Bancada2.Estado_2 - MainProgram/StepsSim2 - *C1(Step,Bancada2.Estado_2)			
Bancada2.Estado_3		SFC_STEP	
Bancada2.Estado_3 - MainProgram/StepsSim2 - *D1(Step,Bancada2.Estado_3)			
Bancada2.Temperatura	24.485641	REAL	
Bancada2.Temperatura - MainProgram/StepsSim2 - B1, #1(Tran,Tran_0022 (Condition)), D1, #1(Tran,Tran_0023 (Condition))			
Bancada2.Temperatura - MainProgram/TempSim - *I-E2(OREF,Bancada2.Temperatura), I-D2(ADD,ADD_02.Dest)			
Bancada2.TempSetpoint	25.0	REAL	
Bancada2.TempSetpoint - MainProgram/StepsSim2 - *A1, #1(Action,Action_002 (Body)), *C1, #1(Action,Action_003 (Body)), *E1, #1(Action,Action_016 (Body)), B1, #2(Tran,Tran_0022 (Condition))			
Bancada2.TempSetpoint - MainProgram/TempSim - I-B2(IREF,Bancada2.TempSetpoint), I-B2(LPF,LPF_02.In)			
Bancada2.TempREF	90.0	REAL	
Bancada2.TempREF - MainProgram/StepsSim2 - C1, #2(Action,Action_003 (Body))			
Bancada2.Ciclos	4	DINT	
Bancada2.Ciclos - MainProgram/StepsSim2 - *E1, #1(Action,Action_012 (Body)), E1, #2(Action,Action_012 (Body))			
 Bancada3		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada3.Partida	2#0	BOOL	
Bancada3.Partida - MainProgram/StepsSim3 - A1, #1(Tran,Tran_031 (Condition))			
Bancada3.Parada	2#0	BOOL	
Bancada3.Parada - MainProgram/StepsSim3 - C1, #1(Tran,Tran_030 (Condition)), D1, #4(Tran,Tran_033 (Condition))			
Bancada3.Estado_1		SFC_STEP	
Bancada3.Estado_1 - MainProgram/StepsSim3 - *A1(Step,Bancada3.Estado_1)			
Bancada3.Estado_2		SFC_STEP	
Bancada3.Estado_2 - MainProgram/StepsSim3 - *C1(Step,Bancada3.Estado_2)			
Bancada3.Estado_3		SFC_STEP	
Bancada3.Estado_3 - MainProgram/StepsSim3 - *D1(Step,Bancada3.Estado_3)			

Bancada3 (Continued)			
Bancada3.Temperatura	25.62041	REAL	
Bancada3.Temperatura - MainProgram/StepsSim3 - B1, #1(Tran,Tran_032 (Condition)), D1, #1(Tran,Tran_033 (Condition))			
Bancada3.Temperatura - MainProgram/TempSim - *I-E3(OREF,Bancada3.Temperatura), I-D3(ADD,ADD_03.Dest)			
Bancada3.TempSetpoint	25.0	REAL	
Bancada3.TempSetpoint - MainProgram/StepsSim3 - *A1, #1(Action,Action_004 (Body)), *C1, #1(Action,Action_005 (Body)), *E1, #1(Action,Action_017 (Body)), B1, #2(Tran,Tran_032 (Condition))			
Bancada3.TempSetpoint - MainProgram/TempSim - I-B3(IREF,Bancada3.TempSetpoint), I-B3(LPF,LPF_03.In)			
Bancada3.TempREF	80.0	REAL	
Bancada3.TempREF - MainProgram/StepsSim3 - C1, #2(Action,Action_005 (Body))			
Bancada3.Ciclos	4	DINT	
Bancada3.Ciclos - MainProgram/StepsSim3 - *E1, #1(Action,Action_006 (Body)), E1, #2(Action,Action_006 (Body))			
Bancada4		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada4.Partida	2#0	BOOL	
Bancada4.Partida - MainProgram/StepsSim4 - A1, #1(Tran,Tran_041 (Condition))			
Bancada4.Parada	2#0	BOOL	
Bancada4.Parada - MainProgram/StepsSim4 - C1, #1(Tran,Tran_040 (Condition)), D1, #4(Tran,Tran_043 (Condition))			
Bancada4.Estado_1		SFC_STEP	
Bancada4.Estado_1 - MainProgram/StepsSim4 - *A1(Step,Bancada4.Estado_1)			
Bancada4.Estado_2		SFC_STEP	
Bancada4.Estado_2 - MainProgram/StepsSim4 - *C1(Step,Bancada4.Estado_2)			
Bancada4.Estado_3		SFC_STEP	
Bancada4.Estado_3 - MainProgram/StepsSim4 - *D1(Step,Bancada4.Estado_3)			
Bancada4.Temperatura	24.59615	REAL	
Bancada4.Temperatura - MainProgram/StepsSim4 - B1, #1(Tran,Tran_042 (Condition)), D1, #1(Tran,Tran_043 (Condition))			
Bancada4.Temperatura - MainProgram/TempSim - *2-E1(OREF,Bancada4.Temperatura), 2-D1(ADD,ADD_04.Dest)			
Bancada4.TempSetpoint	25.0	REAL	
Bancada4.TempSetpoint - MainProgram/StepsSim4 - *A1, #1(Action,Action_007 (Body)), *C1, #1(Action,Action_008 (Body)), *E1, #1(Action,Action_018 (Body)), B1, #2(Tran,Tran_042 (Condition))			
Bancada4.TempSetpoint - MainProgram/TempSim - 2-A1(IREF,Bancada4.TempSetpoint), 2-B1(LPF,LPF_04.In)			
Bancada4.TempREF	130.0	REAL	
Bancada4.TempREF - MainProgram/StepsSim4 - C1, #2(Action,Action_008 (Body))			
Bancada4.Ciclos	5	DINT	
Bancada4.Ciclos - MainProgram/StepsSim4 - *E1, #1(Action,Action_013 (Body)), E1, #2(Action,Action_013 (Body))			
Bancada5		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada5.Partida	2#0	BOOL	
Bancada5.Partida - MainProgram/StepsSim5 - A1, #1(Tran,Tran_051 (Condition))			
Bancada5.Parada	2#0	BOOL	
Bancada5.Parada - MainProgram/StepsSim5 - C1, #1(Tran,Tran_050 (Condition)), D1, #4(Tran,Tran_053 (Condition))			
Bancada5.Estado_1		SFC_STEP	
Bancada5.Estado_1 - MainProgram/StepsSim5 - *A1(Step,Bancada5.Estado_1)			
Bancada5.Estado_2		SFC_STEP	
Bancada5.Estado_2 - MainProgram/StepsSim5 - *C1(Step,Bancada5.Estado_2)			
Bancada5.Estado_3		SFC_STEP	

Bancada5 (Continued)			
Bancada5.Estado_3 - MainProgram/StepsSim5 - *D1(Step,Bancada5.Estado_3)			
Bancada5.Temperatura	25.76574	REAL	
Bancada5.Temperatura - MainProgram/StepsSim5 - B1, #1(Tran,Tran_052 (Condition)), D1, #1(Tran,Tran_053 (Condition))			
Bancada5.Temperatura - MainProgram/TempSim - *2-E2(OREF,Bancada5.Temperatura), 2-D2(ADD,ADD_05.Dest)			
Bancada5.TempSetpoint	25.0	REAL	
Bancada5.TempSetpoint - MainProgram/StepsSim5 - *A1, #1(Action,Action_009 (Body)), *C1, #1(Action,Action_010 (Body)), *E1, #1(Action,Action_019 (Body)), B1, #2(Tran,Tran_052 (Condition))			
Bancada5.TempSetpoint - MainProgram/TempSim - 2-A2(IREF,Bancada5.TempSetpoint), 2-B2(LPF,LPF_05.In)			
Bancada5.TempREF	115.0	REAL	
Bancada5.TempREF - MainProgram/StepsSim5 - C1, #2(Action,Action_010 (Body))			
Bancada5.Ciclos	4	DINT	
Bancada5.Ciclos - MainProgram/StepsSim5 - *E1, #1(Action,Action_014 (Body)), E1, #2(Action,Action_014 (Body))			
 Bancada6		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada6.Partida	2#0	BOOL	
Bancada6.Partida - MainProgram/StepsSim6 - A1, #1(Tran,Tran_061 (Condition))			
Bancada6.Parada	2#0	BOOL	
Bancada6.Parada - MainProgram/StepsSim6 - C1, #1(Tran,Tran_060 (Condition)), D1, #4(Tran,Tran_063 (Condition))			
Bancada6.Estado_1		SFC_STEP	
Bancada6.Estado_1 - MainProgram/StepsSim6 - *A1(Step,Bancada6.Estado_1)			
Bancada6.Estado_2		SFC_STEP	
Bancada6.Estado_2 - MainProgram/StepsSim6 - *C1(Step,Bancada6.Estado_2)			
Bancada6.Estado_3		SFC_STEP	
Bancada6.Estado_3 - MainProgram/StepsSim6 - *D1(Step,Bancada6.Estado_3)			
Bancada6.Temperatura	25.902197	REAL	
Bancada6.Temperatura - MainProgram/StepsSim6 - B1, #1(Tran,Tran_062 (Condition)), D1, #1(Tran,Tran_063 (Condition))			
Bancada6.Temperatura - MainProgram/TempSim - *2-E3(OREF,Bancada6.Temperatura), 2-D3(ADD,ADD_06.Dest)			
Bancada6.TempSetpoint	25.0	REAL	
Bancada6.TempSetpoint - MainProgram/StepsSim6 - *A1, #1(Action,Action_609 (Body)), *C1, #1(Action,Action_610 (Body)), *E1, #1(Action,Action_619 (Body)), B1, #2(Tran,Tran_062 (Condition))			
Bancada6.TempSetpoint - MainProgram/TempSim - 2-A3(IREF,Bancada6.TempSetpoint), 2-B3(LPF,LPF_06.In)			
Bancada6.TempREF	115.0	REAL	
Bancada6.TempREF - MainProgram/StepsSim6 - C1, #2(Action,Action_610 (Body))			
Bancada6.Ciclos	0	DINT	
Bancada6.Ciclos - MainProgram/StepsSim6 - *E1, #1(Action,Action_614 (Body)), E1, #2(Action,Action_614 (Body))			
 Bancada7		Bancada	SistemaSimulado
External Access: Read/Write			
Bancada7.Partida	2#0	BOOL	
Bancada7.Partida - MainProgram/StepsSim7 - A1, #1(Tran,Tran_071 (Condition))			
Bancada7.Parada	2#0	BOOL	
Bancada7.Parada - MainProgram/StepsSim7 - C1, #1(Tran,Tran_070 (Condition)), D1, #4(Tran,Tran_073 (Condition))			
Bancada7.Estado_1		SFC_STEP	
Bancada7.Estado_1 - MainProgram/StepsSim7 - *A1(Step,Bancada7.Estado_1)			
Bancada7.Estado_2		SFC_STEP	
Bancada7.Estado_2 - MainProgram/StepsSim7 - *C1(Step,Bancada7.Estado_2)			

Bancada7 (Continued)		
Bancada7.Estado_3	SFC_STEP	
Bancada7.Estado_3 - MainProgram/StepsSim7 - *D1(Step,Bancada7.Estado_3)		
Bancada7.Temperatura	REAL	
Bancada7.Temperatura - MainProgram/StepsSim7 - B1, #1(Tran,Tran_072 (Condition)), D1, #1(Tran,Tran_073 (Condition))		
Bancada7.Temperatura - MainProgram/TempSim - *2-E4(OREF,Bancada7.Temperatura), 2-D4(ADD,ADD_07.Dest)		
Bancada7.TempSetpoint	REAL	
Bancada7.TempSetpoint - MainProgram/StepsSim7 - *A1, #1(Action,Action_709 (Body)), *C1, #1(Action,Action_710 (Body)), *E1, #1(Action,Action_719 (Body)), B1, #2(Tran,Tran_072 (Condition))		
Bancada7.TempSetpoint - MainProgram/TempSim - 2-A4(IREF,Bancada7.TempSetpoint), 2-B4(LPF,LPF_07.In)		
Bancada7.TempREF	REAL	
Bancada7.TempREF - MainProgram/StepsSim7 - C1, #2(Action,Action_710 (Body))		
Bancada7.Ciclos	DINT	
Bancada7.Ciclos - MainProgram/StepsSim7 - *E1, #1(Action,Action_714 (Body)), E1, #2(Action,Action_714 (Body))		
Bancada8	Bancada	SistemaSimulado
External Access: Read/Write		
Bancada8.Partida	BOOL	
Bancada8.Partida - MainProgram/StepsSim8 - A1, #1(Tran,Tran_851 (Condition))		
Bancada8.Parada	BOOL	
Bancada8.Parada - MainProgram/StepsSim8 - C1, #1(Tran,Tran_850 (Condition)), D1, #4(Tran,Tran_853 (Condition))		
Bancada8.Estado_1	SFC_STEP	
Bancada8.Estado_1 - MainProgram/StepsSim8 - *A1(Step,Bancada8.Estado_1)		
Bancada8.Estado_2	SFC_STEP	
Bancada8.Estado_2 - MainProgram/StepsSim8 - *C1(Step,Bancada8.Estado_2)		
Bancada8.Estado_3	SFC_STEP	
Bancada8.Estado_3 - MainProgram/StepsSim8 - *D1(Step,Bancada8.Estado_3)		
Bancada8.Temperatura	REAL	
Bancada8.Temperatura - MainProgram/StepsSim8 - B1, #1(Tran,Tran_852 (Condition)), D1, #1(Tran,Tran_853 (Condition))		
Bancada8.Temperatura - MainProgram/TempSim - *3-E1(OREF,Bancada8.Temperatura), 3-D1(ADD,ADD_08.Dest)		
Bancada8.TempSetpoint	REAL	
Bancada8.TempSetpoint - MainProgram/StepsSim8 - *A1, #1(Action,Action_809 (Body)), *C1, #1(Action,Action_810 (Body)), *E1, #1(Action,Action_819 (Body)), B1, #2(Tran,Tran_852 (Condition))		
Bancada8.TempSetpoint - MainProgram/TempSim - 3-A1(IREF,Bancada8.TempSetpoint), 3-B1(LPF,LPF_08.In)		
Bancada8.TempREF	REAL	
Bancada8.TempREF - MainProgram/StepsSim8 - C1, #2(Action,Action_810 (Body))		
Bancada8.Ciclos	DINT	
Bancada8.Ciclos - MainProgram/StepsSim8 - *E1, #1(Action,Action_814 (Body)), E1, #2(Action,Action_814 (Body))		
LPF_01	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
LPF_01 - MainProgram/TempSim - *1-B1(IREF,Bancada1.TempSetpoint), *1-B1(LPF,LPF_01), *1-D1(ADD,ADD_01.SourceB)		
LPF_02	FILTER_LOW_PASS	MainProgram
External Access: Read/Write		
LPF_02 - MainProgram/TempSim - *1-B2(IREF,Bancada2.TempSetpoint), *1-B2(LPF,LPF_02), *1-D2(ADD,ADD_02.SourceB)		
LPF_03	FILTER_LOW_PASS	MainProgram

TempSim - Routine Tag Listing		Page 68
SistemaSimulado:MainTask:MainProgram		9/2/2020 10:27:03 AM
		\\tsclient\G\SistemaSimulador.ACD
LPF_03 (Continued)		
External Access:	Read/Write	
LPF_03 - MainProgram/TempSim - *1-B3(IREF,Bancada3.TempSetpoint), *1-B3(LPF,LPF_03), *1-D3(ADD,ADD_03.SourceB)		
LPF_04		
	FILTER_LOW_PASS	MainProgram
External Access:	Read/Write	
LPF_04 - MainProgram/TempSim - *2-A1(IREF,Bancada4.TempSetpoint), *2-B1(LPF,LPF_04), *2-D1(ADD,ADD_04.SourceB)		
LPF_05		
	FILTER_LOW_PASS	MainProgram
External Access:	Read/Write	
LPF_05 - MainProgram/TempSim - *2-A2(IREF,Bancada5.TempSetpoint), *2-B2(LPF,LPF_05), *2-D2(ADD,ADD_05.SourceB)		
LPF_06		
	FILTER_LOW_PASS	MainProgram
External Access:	Read/Write	
LPF_06 - MainProgram/TempSim - *2-A3(IREF,Bancada6.TempSetpoint), *2-B3(LPF,LPF_06), *2-D3(ADD,ADD_06.SourceB)		
LPF_07		
	FILTER_LOW_PASS	MainProgram
External Access:	Read/Write	
LPF_07 - MainProgram/TempSim - *2-A4(IREF,Bancada7.TempSetpoint), *2-B4(LPF,LPF_07), *2-D4(ADD,ADD_07.SourceB)		
LPF_08		
	FILTER_LOW_PASS	MainProgram
External Access:	Read/Write	
LPF_08 - MainProgram/TempSim - *3-A1(IREF,Bancada8.TempSetpoint), *3-B1(LPF,LPF_08), *3-D1(ADD,ADD_08.SourceB)		
MUL_01		
	FBD_MATH	MainProgram
External Access:	Read/Write	
MUL_01 - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-D1(ADD,ADD_01.SourceA), *1-D1(MUL,MUL_01)		
MUL_02		
	FBD_MATH	MainProgram
External Access:	Read/Write	
MUL_02 - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-D2(ADD,ADD_02.SourceA), *1-D2(MUL,MUL_02)		
MUL_03		
	FBD_MATH	MainProgram
External Access:	Read/Write	
MUL_03 - MainProgram/TempSim - *1-C2(JSR,RandPU), *1-D3(ADD,ADD_03.SourceA), *1-D3(MUL,MUL_03)		
MUL_04		
	FBD_MATH	MainProgram
External Access:	Read/Write	
MUL_04 - MainProgram/TempSim - *2-B1(JSR,RandPU), *2-C1(MUL,MUL_04), *2-D1(ADD,ADD_04.SourceA)		
MUL_05		
	FBD_MATH	MainProgram
External Access:	Read/Write	
MUL_05 - MainProgram/TempSim - *2-B2(JSR,RandPU), *2-C2(MUL,MUL_05), *2-D2(ADD,ADD_05.SourceA)		
MUL_06		
	FBD_MATH	MainProgram
External Access:	Read/Write	
		RSLogix 5000

MUL_06 (Continued)

*MUL_06 - MainProgram/TempSim - *2-B3(JSR,RandPU), *2-C3(MUL,MUL_06), *2-D3(ADD,ADD_06.SourceA)*

MUL_07

FBD_MATH

MainProgram

External Access: Read/Write

*MUL_07 - MainProgram/TempSim - *2-B3(JSR,RandPU), *2-C4(MUL,MUL_07), *2-D4(ADD,ADD_07.SourceA)*

MUL_08

FBD_MATH

MainProgram

External Access: Read/Write

*MUL_08 - MainProgram/TempSim - *3-B1(JSR,RandPU), *3-C1(MUL,MUL_08), *3-D1(ADD,ADD_08.SourceA)*

RandPU

-0.56935334

REAL

MainProgram

External Access: Read/Write

*RandPU - MainProgram/RandGen - *6(DIV), 7(RET)*

*RandPU - MainProgram/TempSim - *1-C1(JSR,RandPU), *1-C1(JSR,RandPU), *1-C2(JSR,RandPU), *1-D1(MUL,MUL_01.SourceA), *1-D2(MUL,MUL_02.SourceA),*

**1-D3(MUL,MUL_03.SourceA), *2-B1(JSR,RandPU), *2-B2(JSR,RandPU), *2-B3(JSR,RandPU), *2-B3(JSR,RandPU), *2-C1(MUL,MUL_04.SourceA), *2-C2(MUL,MUL_05.SourceA),*

**2-C3(MUL,MUL_06.SourceA), *2-C4(MUL,MUL_07.SourceA), *3-B1(JSR,RandPU), *3-C1(MUL,MUL_08.SourceA)*

General			
Type:	 Function Block Diagram	Number of Sheets:	Original 3
In Program:	 MainProgram		
Sheet Layout			
Sheet Size:	Letter - 8.5 x 11 in	Orientation:	Landscape

Data type Name: Bancada

Description:

Size: 104 byte(s)

Name	Data Type	Style	Description	External Access
Partida	BOOL	Binary		Read/Write
Parada	BOOL	Binary		Read/Write
⊞ Estado_1	SFC_STEP			Read Only
⊞ Estado_2	SFC_STEP			Read Only
⊞ Estado_3	SFC_STEP			Read Only
Temperatura	REAL	Float		Read Only
TempSetpoint	REAL	Float		Read Only
TempREF	REAL	Float		Read/Write
Ciclos	DINT	Decimal		Read Only

Data type Name: STRING

Description:

Size: 88 byte(s)

Name	Data Type	Style	Description	External Access
LEN	DINT	Decimal		Read/Write
DATA	SINT[82]	ASCII		Read/Write

Data type Name: ALARM

Description:

Size: 96 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
HHLimit	REAL	Float		Read/Write
HLimit	REAL	Float		Read/Write
LLimit	REAL	Float		Read/Write
LLLimit	REAL	Float		Read/Write
Deadband	REAL	Float		Read/Write
ROCPosLimit	REAL	Float		Read/Write
ROCNegLimit	REAL	Float		Read/Write
ROCPeriod	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
HHAlarm	BOOL	Decimal		Read/Write
HAlarm	BOOL	Decimal		Read/Write
LAlarm	BOOL	Decimal		Read/Write
LLAlarm	BOOL	Decimal		Read/Write
ROCPosAlarm	BOOL	Decimal		Read/Write
ROCNegAlarm	BOOL	Decimal		Read/Write
ROC	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
DeadbandInv	BOOL	Decimal		Read/Write
ROCPosLimitInv	BOOL	Decimal		Read/Write
ROCNegLimitInv	BOOL	Decimal		Read/Write
ROCPeriodInv	BOOL	Decimal		Read/Write

Data type Name: ALARM_ANALOG

Description:

Size: 236 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InFault	BOOL	Decimal		Read/Write
HHEnabled	BOOL	Decimal		Read/Write
HEnabled	BOOL	Decimal		Read/Write
LEnabled	BOOL	Decimal		Read/Write
LLEnabled	BOOL	Decimal		Read/Write
AckRequired	BOOL	Decimal		Read/Write
ProgAckAll	BOOL	Decimal		Read/Write
OperAckAll	BOOL	Decimal		Read/Write
HHProgAck	BOOL	Decimal		Read/Write
HHOperAck	BOOL	Decimal		Read/Write
HProgAck	BOOL	Decimal		Read/Write
HOperAck	BOOL	Decimal		Read/Write
LProgAck	BOOL	Decimal		Read/Write
LOperAck	BOOL	Decimal		Read/Write
LLProgAck	BOOL	Decimal		Read/Write
LLOperAck	BOOL	Decimal		Read/Write
ROCPosProgAck	BOOL	Decimal		Read/Write
ROCPosOperAck	BOOL	Decimal		Read/Write
ROCNegProgAck	BOOL	Decimal		Read/Write
ROCNegOperAck	BOOL	Decimal		Read/Write
ProgSuppress	BOOL	Decimal		Read/Write
OperSuppress	BOOL	Decimal		Read/Write
ProgUnsuppress	BOOL	Decimal		Read/Write
OperUnsuppress	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ProgDisable	BOOL	Decimal		Read/Write
OperDisable	BOOL	Decimal		Read/Write
ProgEnable	BOOL	Decimal		Read/Write
OperEnable	BOOL	Decimal		Read/Write
AlarmCountReset	BOOL	Decimal		Read/Write
HHLimit	REAL	Float		Read/Write
HHSeverity	DINT	Decimal		Read/Write
HLimit	REAL	Float		Read/Write
HSeverity	DINT	Decimal		Read/Write
LLimit	REAL	Float		Read/Write
LSeverity	DINT	Decimal		Read/Write
LLLimit	REAL	Float		Read/Write
LLSeverity	DINT	Decimal		Read/Write
MinDurationPRE	DINT	Decimal		Read/Write
Deadband	REAL	Float		Read/Write
ROCPoSLimit	REAL	Float		Read/Write
ROCPoSSeverity	DINT	Decimal		Read/Write
ROCNegLimit	REAL	Float		Read/Write
ROCNegSeverity	DINT	Decimal		Read/Write
ROCPeriod	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
InAlarm	BOOL	Decimal		Read/Write
AnyInAlarmUnack	BOOL	Decimal		Read/Write
HHInAlarm	BOOL	Decimal		Read/Write
HInAlarm	BOOL	Decimal		Read/Write
LInAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
LLInAlarm	BOOL	Decimal		Read/Write
ROCPosInAlarm	BOOL	Decimal		Read/Write
ROCNegInAlarm	BOOL	Decimal		Read/Write
ROC	REAL	Float		Read/Write
HHAcked	BOOL	Decimal		Read/Write
HAcked	BOOL	Decimal		Read/Write
LAcked	BOOL	Decimal		Read/Write
LLAcked	BOOL	Decimal		Read/Write
ROCPosAcked	BOOL	Decimal		Read/Write
ROCNegAcked	BOOL	Decimal		Read/Write
HHInAlarmUnack	BOOL	Decimal		Read/Write
HInAlarmUnack	BOOL	Decimal		Read/Write
LInAlarmUnack	BOOL	Decimal		Read/Write
LLInAlarmUnack	BOOL	Decimal		Read/Write
ROCPosInAlarmUnack	BOOL	Decimal		Read/Write
ROCNegInAlarmUnack	BOOL	Decimal		Read/Write
Suppressed	BOOL	Decimal		Read/Write
Disabled	BOOL	Decimal		Read/Write
MinDurationACC	DINT	Decimal		Read/Write
HHInAlarmTime	LINT	Date/Time		Read/Write
HHAlarmCount	DINT	Decimal		Read/Write
HInAlarmTime	LINT	Date/Time		Read/Write
HAlarmCount	DINT	Decimal		Read/Write
LInAlarmTime	LINT	Date/Time		Read/Write
LAlarmCount	DINT	Decimal		Read/Write
LLInAlarmTime	LINT	Date/Time		Read/Write

Name	Data Type	Style	Description	External Access
LLAlarmCount	DINT	Decimal		Read/Write
ROCPoSInAlarmTime	LINT	Date/Time		Read/Write
ROCPoSAlarmCount	DINT	Decimal		Read/Write
ROCNegInAlarmTime	LINT	Date/Time		Read/Write
ROCNegAlarmCount	DINT	Decimal		Read/Write
AckTime	LINT	Date/Time		Read/Write
RetToNormalTime	LINT	Date/Time		Read/Write
AlarmCountResetTime	LINT	Date/Time		Read/Write
DeliveryER	BOOL	Decimal		Read/Write
DeliveryDN	BOOL	Decimal		Read/Write
DeliveryEN	BOOL	Decimal		Read/Write
NoSubscriber	BOOL	Decimal		Read/Write
NoConnection	BOOL	Decimal		Read/Write
CommError	BOOL	Decimal		Read/Write
AlarmBuffered	BOOL	Decimal		Read/Write
Subscribers	DINT	Decimal		Read/Write
SubscNotified	DINT	Decimal		Read/Write
Status	DINT	Decimal		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
SeverityInv	BOOL	Decimal		Read/Write
AlarmLimitsInv	BOOL	Decimal		Read/Write
DeadbandInv	BOOL	Decimal		Read/Write
ROCPoSLimitInv	BOOL	Decimal		Read/Write
ROCNegLimitInv	BOOL	Decimal		Read/Write
ROCPeriodInv	BOOL	Decimal		Read/Write

Data type Name: ALARM_DIGITAL

Description:

Size: 120 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	BOOL	Decimal		Read/Write
InFault	BOOL	Decimal		Read/Write
Condition	BOOL	Decimal		Read/Write
AckRequired	BOOL	Decimal		Read/Write
Latched	BOOL	Decimal		Read/Write
ProgAck	BOOL	Decimal		Read/Write
OperAck	BOOL	Decimal		Read/Write
ProgReset	BOOL	Decimal		Read/Write
OperReset	BOOL	Decimal		Read/Write
ProgSuppress	BOOL	Decimal		Read/Write
OperSuppress	BOOL	Decimal		Read/Write
ProgUnsuppress	BOOL	Decimal		Read/Write
OperUnsuppress	BOOL	Decimal		Read/Write
ProgDisable	BOOL	Decimal		Read/Write
OperDisable	BOOL	Decimal		Read/Write
ProgEnable	BOOL	Decimal		Read/Write
OperEnable	BOOL	Decimal		Read/Write
AlarmCountReset	BOOL	Decimal		Read/Write
UseProgTime	BOOL	Decimal		Read/Write
ProgTime	LINT	Date/Time		Read/Write
Severity	DINT	Decimal		Read/Write
MinDurationPRE	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
InAlarm	BOOL	Decimal		Read/Write
Acked	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
InAlarmUnack	BOOL	Decimal		Read/Write
Suppressed	BOOL	Decimal		Read/Write
Disabled	BOOL	Decimal		Read/Write
MinDurationACC	DINT	Decimal		Read/Write
AlarmCount	DINT	Decimal		Read/Write
InAlarmTime	LINT	Date/Time		Read/Write
AckTime	LINT	Date/Time		Read/Write
RetToNormalTime	LINT	Date/Time		Read/Write
AlarmCountResetTime	LINT	Date/Time		Read/Write
DeliveryER	BOOL	Decimal		Read/Write
DeliveryDN	BOOL	Decimal		Read/Write
DeliveryEN	BOOL	Decimal		Read/Write
NoSubscriber	BOOL	Decimal		Read/Write
NoConnection	BOOL	Decimal		Read/Write
CommError	BOOL	Decimal		Read/Write
AlarmBuffered	BOOL	Decimal		Read/Write
Subscribers	DINT	Decimal		Read/Write
SubscNotified	DINT	Decimal		Read/Write
Status	DINT	Decimal		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
SeverityInv	BOOL	Decimal		Read/Write

Data type Name: AUX_VALVE_CONTROL

Description:

Size: 68 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Actuate	BOOL	Decimal		Read/Write
DelayType	BOOL	Decimal		Read/Write
OutputFollowsActuate	BOOL	Decimal		Read/Write
DelayEnable	BOOL	Decimal		Read/Write
FeedbackType	BOOL	Decimal		Read/Write
FeedbackI	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
OutputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
DelayTime	DINT	Decimal		Read/Write
FeedbackReactionTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: AXIS_CIP_DRIVE

Description:

Size: 696 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
MotionFault	BOOL	Decimal		Read/Write
GuardFault	BOOL	Decimal		Read/Write
InitializationFault	BOOL	Decimal		Read/Write
APRFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
DirectVelocityControlStatus	BOOL	Decimal		Read/Write
DirectTorqueControlStatus	BOOL	Decimal		Read/Write
MotionAlarmStatus	DINT	Hex		Read/Write
SoftTravelLimitPositiveAlarm	BOOL	Decimal		Read/Write
SoftTravelLimitNegativeAlarm	BOOL	Decimal		Read/Write
MotionFaultStatus	DINT	Hex		Read/Write
SoftTravelLimitPositiveFault	BOOL	Decimal		Read/Write
SoftTravelLimitNegativeFault	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1 Position	REAL	Float		Read/Write
Registration1 PositiveEdgePosition	REAL	Float		Read/Write
Registration1 NegativeEdgePosition	REAL	Float		Read/Write
Registration2 Position	REAL	Float		Read/Write
Registration2 PositiveEdgePosition	REAL	Float		Read/Write
Registration2 NegativeEdgePosition	REAL	Float		Read/Write
Registration1 Time	DINT	Decimal		Read/Write
Registration1 PositiveEdgeTime	DINT	Decimal		Read/Write
Registration1 NegativeEdgeTime	DINT	Decimal		Read/Write
Registration2 Time	DINT	Decimal		Read/Write
Registration2 PositiveEdgeTime	DINT	Decimal		Read/Write
Registration2 NegativeEdgeTime	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
DirectCommandVelocity	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write
CommandTorque	REAL	Float		Read/Write
ModuleFaults	DINT	Hex		Read/Write
ControlSyncFault	BOOL	Decimal		Read/Write
ModuleSyncFault	BOOL	Decimal		Read/Write
TimerEventFault	BOOL	Decimal		Read/Write
ModuleHardwareFault	BOOL	Decimal		Read/Write
ModuleConnFault	BOOL	Decimal		Read/Write
ConnFormatFault	BOOL	Decimal		Read/Write
LocalModeFault	BOOL	Decimal		Read/Write
CPUWatchdogFault	BOOL	Decimal		Read/Write
ClockJitterFault	BOOL	Decimal		Read/Write
CyclicReadFault	BOOL	Decimal		Read/Write
CyclicWriteFault	BOOL	Decimal		Read/Write
ClockSkewFault	BOOL	Decimal		Read/Write
ControlConnFault	BOOL	Decimal		Read/Write
ControlClockSyncFault	BOOL	Decimal		Read/Write
ModuleClockSyncFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
LogicWatchdogFault	BOOL	Decimal		Read/Write
DuplicateAddressFault	BOOL	Decimal		Read/Write
ModuleAlarmStatus	DINT	Hex		Read/Write
ControlSyncAlarm	BOOL	Decimal		Read/Write
ModuleSyncAlarm	BOOL	Decimal		Read/Write
TimerEventAlarm	BOOL	Decimal		Read/Write
CPUOverloadAlarm	BOOL	Decimal		Read/Write
ClockJitterAlarm	BOOL	Decimal		Read/Write
OutOfRangeAlarm	BOOL	Decimal		Read/Write
ClockSkewAlarm	BOOL	Decimal		Read/Write
ClockSyncAlarm	BOOL	Decimal		Read/Write
NodeAddressAlarm	BOOL	Decimal		Read/Write
AttributeErrorCode	INT	Hex		Read/Write
AttributeErrorID	INT	Hex		Read/Write
PositionFineCommand	REAL	Float		Read/Write
PositionReference	REAL	Float		Read/Write
PositionFeedback1	REAL	Float		Read/Write
PositionFeedback2	REAL	Float		Read/Write
PositionError	REAL	Float		Read/Write
PositionIntegratorOutput	REAL	Float		Read/Write
PositionLoopOutput	REAL	Float		Read/Write
VelocityFineCommand	REAL	Float		Read/Write
VelocityFeedforwardCommand	REAL	Float		Read/Write
VelocityReference	REAL	Float		Read/Write
VelocityFeedback	REAL	Float		Read/Write
VelocityError	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
VelocityIntegratorOutput	REAL	Float		Read/Write
VelocityLoopOutput	REAL	Float		Read/Write
AccelerationFineCommand	REAL	Float		Read/Write
AccelerationFeedforwardCommand	REAL	Float		Read/Write
AccelerationReference	REAL	Float		Read/Write
AccelerationFeedback	REAL	Float		Read/Write
LoadObserverAccelerationEstimate	REAL	Float		Read/Write
LoadObserverTorqueEstimate	REAL	Float		Read/Write
TorqueReference	REAL	Float		Read/Write
TorqueReferenceFiltered	REAL	Float		Read/Write
TorqueReferenceLimited	REAL	Float		Read/Write
CurrentCommand	REAL	Float		Read/Write
CurrentReference	REAL	Float		Read/Write
CurrentFeedback	REAL	Float		Read/Write
CurrentError	REAL	Float		Read/Write
FluxCurrentReference	REAL	Float		Read/Write
FluxCurrentFeedback	REAL	Float		Read/Write
FluxCurrentError	REAL	Float		Read/Write
OperativeCurrentLimit	REAL	Float		Read/Write
CurrentLimitSource	DINT	Decimal		Read/Write
MotorElectricalAngle	REAL	Float		Read/Write
SlipCompensation	REAL	Float		Read/Write
OutputFrequency	REAL	Float		Read/Write
OutputCurrent	REAL	Float		Read/Write
OutputVoltage	REAL	Float		Read/Write
OutputPower	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
DCBusVoltage	REAL	Float		Read/Write
MotorCapacity	REAL	Float		Read/Write
InverterCapacity	REAL	Float		Read/Write
ConverterCapacity	REAL	Float		Read/Write
BusRegulatorCapacity	REAL	Float		Read/Write
DigitalInputs	DINT	Hex		Read/Write
AnalogInput1	REAL	Float		Read/Write
AnalogInput2	REAL	Float		Read/Write
PositionTrim	REAL	Float		Read/Write
VelocityTrim	REAL	Float		Read/Write
AccelerationTrim	REAL	Float		Read/Write
TorqueTrim	REAL	Float		Read/Write
VelocityFeedforwardGain	REAL	Float		Read/Write
AccelerationFeedforwardGain	REAL	Float		Read/Write
PositionLoopBandwidth	REAL	Float		Read/Write
PositionIntegratorBandwidth	REAL	Float		Read/Write
VelocityLoopBandwidth	REAL	Float		Read/Write
VelocityIntegratorBandwidth	REAL	Float		Read/Write
LoadObserverBandwidth	REAL	Float		Read/Write
LoadObserverIntegratorBandwidth	REAL	Float		Read/Write
TorqueLimitPositive	REAL	Float		Read/Write
TorqueLimitNegative	REAL	Float		Read/Write
VelocityLowPassFilterBandwidth	REAL	Float		Read/Write
TorqueLowPassFilterBandwidth	REAL	Float		Read/Write
SystemInertia	REAL	Float		Read/Write
CurrentDisturbance	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
DigitalOutputs	DINT	Hex		Read/Write
AnalogOutput1	REAL	Float		Read/Write
AnalogOutput2	REAL	Float		Read/Write
GuardStatus	DINT	Hex		Read/Write
GuardOKStatus	BOOL	Decimal		Read/Write
GuardConfigLockedStatus	BOOL	Decimal		Read/Write
GuardGateDriveOutputStatus	BOOL	Decimal		Read/Write
GuardStopInputStatus	BOOL	Decimal		Read/Write
GuardStopRequestStatus	BOOL	Decimal		Read/Write
GuardStopInProgressStatus	BOOL	Decimal		Read/Write
GuardStopDecelStatus	BOOL	Decimal		Read/Write
GuardStopStandstillStatus	BOOL	Decimal		Read/Write
GuardStopOutputStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedInputStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedRequestStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedOutputStatus	BOOL	Decimal		Read/Write
GuardMaxSpeedMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardMaxAccelMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardDirectionMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardDoorControlLockStatus	BOOL	Decimal		Read/Write
GuardDoorControlOutputStatus	BOOL	Decimal		Read/Write
GuardDoorMonitorInputStatus	BOOL	Decimal		Read/Write
GuardDoorMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardLockMonitorInputStatus	BOOL	Decimal		Read/Write
GuardEnablingSwitchInputStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
GuardEnablingSwitchInProgressStatus	BOOL	Decimal		Read/Write
GuardResetInputStatus	BOOL	Decimal		Read/Write
GuardResetRequiredStatus	BOOL	Decimal		Read/Write
GuardStopInputCycleRequiredStatus	BOOL	Decimal		Read/Write
GuardFaults	DINT	Hex		Read/Write
GuardInternalFault	BOOL	Decimal		Read/Write
GuardConfigurationFault	BOOL	Decimal		Read/Write
GuardGateDriveFault	BOOL	Decimal		Read/Write
GuardResetFault	BOOL	Decimal		Read/Write
GuardFeedback1Fault	BOOL	Decimal		Read/Write
GuardFeedback2Fault	BOOL	Decimal		Read/Write
GuardFeedbackSpeedCompareFault	BOOL	Decimal		Read/Write
GuardFeedbackPositionCompareFault	BOOL	Decimal		Read/Write
GuardStopInputFault	BOOL	Decimal		Read/Write
GuardStopOutputFault	BOOL	Decimal		Read/Write
GuardStopDecelFault	BOOL	Decimal		Read/Write
GuardStopStandstillFault	BOOL	Decimal		Read/Write
GuardStopMotionFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedInputFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedOutputFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedMonitorFault	BOOL	Decimal		Read/Write
GuardMaxSpeedMonitorFault	BOOL	Decimal		Read/Write
GuardMaxAccelMonitorFault	BOOL	Decimal		Read/Write
GuardDirectionMonitorFault	BOOL	Decimal		Read/Write
GuardDoorMonitorInputFault	BOOL	Decimal		Read/Write
GuardDoorMonitorFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
GuardDoorControlOutputFault	BOOL	Decimal		Read/Write
GuardLockMonitorInputFault	BOOL	Decimal		Read/Write
GuardLockMonitorFault	BOOL	Decimal		Read/Write
GuardEnablingSwitchMonitorInputFault	BOOL	Decimal		Read/Write
GuardEnablingSwitchMonitorFault	BOOL	Decimal		Read/Write
GuardFeedback1 VoltageMonitorFault	BOOL	Decimal		Read/Write
GuardFeedback2 VoltageMonitorFault	BOOL	Decimal		Read/Write
CIPAxisState	INT	Hex		Read/Write
CIPAxisStatus	DINT	Hex		Read/Write
LocalControlStatus	BOOL	Decimal		Read/Write
AlarmStatus	BOOL	Decimal		Read/Write
DCBusUpStatus	BOOL	Decimal		Read/Write
PowerStructureEnabledStatus	BOOL	Decimal		Read/Write
MotorFluxUpStatus	BOOL	Decimal		Read/Write
TrackingCommandStatus	BOOL	Decimal		Read/Write
PositionLockStatus	BOOL	Decimal		Read/Write
VelocityLockStatus	BOOL	Decimal		Read/Write
VelocityStandstillStatus	BOOL	Decimal		Read/Write
VelocityThresholdStatus	BOOL	Decimal		Read/Write
VelocityLimitStatus	BOOL	Decimal		Read/Write
AccelerationLimitStatus	BOOL	Decimal		Read/Write
DecelerationLimitStatus	BOOL	Decimal		Read/Write
TorqueThresholdStatus	BOOL	Decimal		Read/Write
TorqueLimitStatus	BOOL	Decimal		Read/Write
CurrentLimitStatus	BOOL	Decimal		Read/Write
ThermalLimitStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
FeedbackIntegrityStatus	BOOL	Decimal		Read/Write
CIPShutdownStatus	BOOL	Decimal		Read/Write
InProcessStatus	BOOL	Decimal		Read/Write
CIPAxisStatusRA	DINT	Hex		Read/Write
CIPAxisIOStatus	DINT	Hex		Read/Write
EnableInputStatus	BOOL	Decimal		Read/Write
HomeInputStatus	BOOL	Decimal		Read/Write
Registration1 InputStatus	BOOL	Decimal		Read/Write
Registration2 InputStatus	BOOL	Decimal		Read/Write
PositiveOvertravelInputStatus	BOOL	Decimal		Read/Write
NegativeOvertravelInputStatus	BOOL	Decimal		Read/Write
Feedback1 ThermostatStatus	BOOL	Decimal		Read/Write
ResistiveBrakeOutputStatus	BOOL	Decimal		Read/Write
MechanicalBrakeOutputStatus	BOOL	Decimal		Read/Write
CIPAxisIOStatusRA	DINT	Hex		Read/Write
RegenerativePowerInputStatus	BOOL	Decimal		Read/Write
CIPAxisFaults	LINT	Hex		Read/Write
MotorCommutationFault	BOOL	Decimal		Read/Write
MotorOverspeedFLFault	BOOL	Decimal		Read/Write
MotorOverspeedULFault	BOOL	Decimal		Read/Write
MotorOvertemperatureFLFault	BOOL	Decimal		Read/Write
MotorOvertemperatureULFault	BOOL	Decimal		Read/Write
MotorThermalOverloadFLFault	BOOL	Decimal		Read/Write
MotorThermalOverloadULFault	BOOL	Decimal		Read/Write
InverterOvercurrentFault	BOOL	Decimal		Read/Write
InverterOvertemperatureFLFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
InverterOvertemperatureULFault	BOOL	Decimal		Read/Write
InverterThermalOverloadFLFault	BOOL	Decimal		Read/Write
InverterThermalOverloadULFault	BOOL	Decimal		Read/Write
ConverterGroundCurrentFLFault	BOOL	Decimal		Read/Write
ConverterGroundCurrentULFault	BOOL	Decimal		Read/Write
ConverterOvertemperatureFLFault	BOOL	Decimal		Read/Write
ConverterOvertemperatureULFault	BOOL	Decimal		Read/Write
ConverterThermalOverloadFLFault	BOOL	Decimal		Read/Write
ConverterThermalOverloadULFault	BOOL	Decimal		Read/Write
ConverterACPowerLossFault	BOOL	Decimal		Read/Write
ConverterACSinglePhaseLossFault	BOOL	Decimal		Read/Write
ConverterACPhaseShortFault	BOOL	Decimal		Read/Write
ConverterPreChargeFault	BOOL	Decimal		Read/Write
BusRegulatorOvertemperatureFLFault	BOOL	Decimal		Read/Write
BusRegulatorOvertemperatureULFault	BOOL	Decimal		Read/Write
BusRegulatorThermalOverloadFLFault	BOOL	Decimal		Read/Write
BusRegulatorThermalOverloadULFault	BOOL	Decimal		Read/Write
BusRegulatorFault	BOOL	Decimal		Read/Write
BusUndervoltageFLFault	BOOL	Decimal		Read/Write
BusUndervoltageULFault	BOOL	Decimal		Read/Write
BusOvervoltageFLFault	BOOL	Decimal		Read/Write
BusOvervoltageULFault	BOOL	Decimal		Read/Write
BusPowerLossFault	BOOL	Decimal		Read/Write
BusPowerBlownFuseFault	BOOL	Decimal		Read/Write
FeedbackSignalNoiseFLFault	BOOL	Decimal		Read/Write
FeedbackSignalNoiseULFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
FeedbackSignalLossFLFault	BOOL	Decimal		Read/Write
FeedbackSignalLossULFault	BOOL	Decimal		Read/Write
FeedbackDataLossFLFault	BOOL	Decimal		Read/Write
FeedbackDataLossULFault	BOOL	Decimal		Read/Write
FeedbackDeviceFault	BOOL	Decimal		Read/Write
HardwareOvertravelPositiveFault	BOOL	Decimal		Read/Write
HardwareOvertravelNegativeFault	BOOL	Decimal		Read/Write
ExcessivePositionErrorFault	BOOL	Decimal		Read/Write
ExcessiveVelocityErrorFault	BOOL	Decimal		Read/Write
OvertorqueLimitFault	BOOL	Decimal		Read/Write
UndertorqueLimitFault	BOOL	Decimal		Read/Write
IllegalControlModeFault	BOOL	Decimal		Read/Write
EnableInputDeactivatedFault	BOOL	Decimal		Read/Write
ControllerInitiatedFault	BOOL	Decimal		Read/Write
ExternalInputFault	BOOL	Decimal		Read/Write
CIPAxisFaultsRA	LINT	Hex		Read/Write
CommutationStartupFault	BOOL	Decimal		Read/Write
MotorVoltageMismatchFault	BOOL	Decimal		Read/Write
FeedbackFilterNoiseFault	BOOL	Decimal		Read/Write
FeedbackBatteryLossFault	BOOL	Decimal		Read/Write
FeedbackBatteryLowFault	BOOL	Decimal		Read/Write
FeedbackIncrementalCountErrorFault	BOOL	Decimal		Read/Write
ControlModuleOvertemperatureFLFault	BOOL	Decimal		Read/Write
ControlModuleOvertemperatureULFault	BOOL	Decimal		Read/Write
ConverterPreChargeOverloadFLFault	BOOL	Decimal		Read/Write
ConverterPreChargeOverloadULFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ExcessiveCurrentFeedbackOffsetFault	BOOL	Decimal		Read/Write
RegenerativePowerSupplyFault	BOOL	Decimal		Read/Write
PWMFrequencyReducedFault	BOOL	Decimal		Read/Write
CurrentLimitReducedFault	BOOL	Decimal		Read/Write
TorqueProveFault	BOOL	Decimal		Read/Write
DecelOverrideFault	BOOL	Decimal		Read/Write
PreventativeMaintenanceFault	BOOL	Decimal		Read/Write
MotorTestFault	BOOL	Decimal		Read/Write
HardwareConfigurationFault	BOOL	Decimal		Read/Write
FirmwareChangeFault	BOOL	Decimal		Read/Write
DCCommonBusFault	BOOL	Decimal		Read/Write
RuntimeErrorFault	BOOL	Decimal		Read/Write
BackplaneCommunicationErrorFault	BOOL	Decimal		Read/Write
SafetyModuleCommunicationErrorFault	BOOL	Decimal		Read/Write
ProductSpecificFault	BOOL	Decimal		Read/Write
CIPAxisAlarms	LINT	Hex		Read/Write
MotorCommutationAlarm	BOOL	Decimal		Read/Write
MotorOverspeedFLAlarm	BOOL	Decimal		Read/Write
MotorOverspeedULAlarm	BOOL	Decimal		Read/Write
MotorOvertemperatureFLAlarm	BOOL	Decimal		Read/Write
MotorOvertemperatureULAlarm	BOOL	Decimal		Read/Write
MotorThermalOverloadFLAlarm	BOOL	Decimal		Read/Write
MotorThermalOverloadULAlarm	BOOL	Decimal		Read/Write
InverterOvercurrentAlarm	BOOL	Decimal		Read/Write
InverterOvertemperatureFLAlarm	BOOL	Decimal		Read/Write
InverterOvertemperatureULAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
InverterThermalOverloadFLAlarm	BOOL	Decimal		Read/Write
InverterThermalOverloadULAlarm	BOOL	Decimal		Read/Write
ConverterGroundCurrentFLAlarm	BOOL	Decimal		Read/Write
ConverterGroundCurrentULAlarm	BOOL	Decimal		Read/Write
ConverterOvertemperatureFLAlarm	BOOL	Decimal		Read/Write
ConverterOvertemperatureULAlarm	BOOL	Decimal		Read/Write
ConverterThermalOverloadFLAlarm	BOOL	Decimal		Read/Write
ConverterThermalOverloadULAlarm	BOOL	Decimal		Read/Write
ConverterACPowerLossAlarm	BOOL	Decimal		Read/Write
ConverterACSinglePhaseLossAlarm	BOOL	Decimal		Read/Write
ConverterACPhaseShortAlarm	BOOL	Decimal		Read/Write
ConverterPreChargeAlarm	BOOL	Decimal		Read/Write
BusRegulatorOvertemperatureFLAlarm	BOOL	Decimal		Read/Write
BusRegulatorOvertemperatureULAlarm	BOOL	Decimal		Read/Write
BusRegulatorThermalOverloadFLAlarm	BOOL	Decimal		Read/Write
BusRegulatorThermalOverloadULAlarm	BOOL	Decimal		Read/Write
BusRegulatorAlarm	BOOL	Decimal		Read/Write
BusUndervoltageFLAlarm	BOOL	Decimal		Read/Write
BusUndervoltageULAlarm	BOOL	Decimal		Read/Write
BusOvervoltageFLAlarm	BOOL	Decimal		Read/Write
BusOvervoltageULAlarm	BOOL	Decimal		Read/Write
BusPowerLossAlarm	BOOL	Decimal		Read/Write
BusPowerBlownFuseAlarm	BOOL	Decimal		Read/Write
FeedbackSignalNoiseFLAlarm	BOOL	Decimal		Read/Write
FeedbackSignalNoiseULAlarm	BOOL	Decimal		Read/Write
FeedbackSignalLossFLAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
FeedbackSignalLossULAlarm	BOOL	Decimal		Read/Write
FeedbackDataLossFLAlarm	BOOL	Decimal		Read/Write
FeedbackDataLossULAlarm	BOOL	Decimal		Read/Write
FeedbackDeviceAlarm	BOOL	Decimal		Read/Write
HardwareOvertravelPositiveAlarm	BOOL	Decimal		Read/Write
HardwareOvertravelNegativeAlarm	BOOL	Decimal		Read/Write
ExcessivePositionErrorAlarm	BOOL	Decimal		Read/Write
ExcessiveVelocityErrorAlarm	BOOL	Decimal		Read/Write
OvertorqueLimitAlarm	BOOL	Decimal		Read/Write
UndertorqueLimitAlarm	BOOL	Decimal		Read/Write
IllegalControlModeAlarm	BOOL	Decimal		Read/Write
EnableInputDeactivatedAlarm	BOOL	Decimal		Read/Write
ControllerInitiatedAlarm	BOOL	Decimal		Read/Write
ExternalInputAlarm	BOOL	Decimal		Read/Write
CIPAxisAlarmsRA	LINT	Hex		Read/Write
CommutationStartupAlarm	BOOL	Decimal		Read/Write
MotorVoltageMismatchAlarm	BOOL	Decimal		Read/Write
FeedbackFilterNoiseAlarm	BOOL	Decimal		Read/Write
FeedbackBatteryLossAlarm	BOOL	Decimal		Read/Write
FeedbackBatteryLowAlarm	BOOL	Decimal		Read/Write
FeedbackIncrementalCountErrorAlarm	BOOL	Decimal		Read/Write
ControlModuleOvertemperatureFLAlarm	BOOL	Decimal		Read/Write
ControlModuleOvertemperatureULAlarm	BOOL	Decimal		Read/Write
ConverterPreChargeOverloadFLAlarm	BOOL	Decimal		Read/Write
ConverterPreChargeOverloadULAlarm	BOOL	Decimal		Read/Write
ExcessiveCurrentFeedbackOffsetAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
RegenerativePowerSupplyAlarm	BOOL	Decimal		Read/Write
PWMFrequencyReducedAlarm	BOOL	Decimal		Read/Write
CurrentLimitReducedAlarm	BOOL	Decimal		Read/Write
TorqueProveAlarm	BOOL	Decimal		Read/Write
DecelOverrideAlarm	BOOL	Decimal		Read/Write
PreventativeMaintenanceAlarm	BOOL	Decimal		Read/Write
MotorTestAlarm	BOOL	Decimal		Read/Write
HardwareConfigurationAlarm	BOOL	Decimal		Read/Write
FirmwareChangeAlarm	BOOL	Decimal		Read/Write
DCCommonBusAlarm	BOOL	Decimal		Read/Write
RuntimeErrorAlarm	BOOL	Decimal		Read/Write
BackplaneCommunicationErrorAlarm	BOOL	Decimal		Read/Write
SafetyModuleCommunicationErrorAlarm	BOOL	Decimal		Read/Write
ProductSpecificAlarm	BOOL	Decimal		Read/Write
CIPInitializationFaults	DINT	Hex		Read/Write
BootBlockChecksumFault	BOOL	Decimal		Read/Write
MainBlockChecksumFault	BOOL	Decimal		Read/Write
NonvolatileMemoryChecksumFault	BOOL	Decimal		Read/Write
CIPInitializationFaultsRA	DINT	Hex		Read/Write
FeedbackDataCorruptionFault	BOOL	Decimal		Read/Write
FeedbackDataRangeFault	BOOL	Decimal		Read/Write
FeedbackCommunicationStartupFault	BOOL	Decimal		Read/Write
FeedbackAbsoluteOverspeedFault	BOOL	Decimal		Read/Write
FeedbackAbsolutePowerOffTravelFault	BOOL	Decimal		Read/Write
FeedbackAbsoluteStartupSpeedFault	BOOL	Decimal		Read/Write
CommutationOffsetUninitializedFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
InvalidFPGAImageFault	BOOL	Decimal		Read/Write
InvalidBoardSupportPackageFault	BOOL	Decimal		Read/Write
InvalidSafetyFirmwareFault	BOOL	Decimal		Read/Write
PowerBoardFault	BOOL	Decimal		Read/Write
IllegalOptionCardFault	BOOL	Decimal		Read/Write
OptionStorageChecksumFault	BOOL	Decimal		Read/Write
ModuleVoltageMismatchFault	BOOL	Decimal		Read/Write
UnknownModuleFault	BOOL	Decimal		Read/Write
FactoryConfigurationErrorFault	BOOL	Decimal		Read/Write
IllegalAddressFault	BOOL	Decimal		Read/Write
SeriesMismatchFault	BOOL	Decimal		Read/Write
OpenSlotFault	BOOL	Decimal		Read/Write
CIPStartInhibits	INT	Hex		Read/Write
AxisEnableInputInhibit	BOOL	Decimal		Read/Write
MotorNotConfiguredInhibit	BOOL	Decimal		Read/Write
FeedbackNotConfiguredInhibit	BOOL	Decimal		Read/Write
CommutationNotConfigured	BOOL	Decimal		Read/Write
CIPStartInhibitsRA	INT	Hex		Read/Write
VoltsHertzCurveDefinitionInhibit	BOOL	Decimal		Read/Write
MotorFeedbackRequiredInhibit	BOOL	Decimal		Read/Write
SpeedLimitConfigurationInhibit	BOOL	Decimal		Read/Write
TorqueProveConfigurationInhibit	BOOL	Decimal		Read/Write
SafeTorqueOffInhibit	BOOL	Decimal		Read/Write
SafetyResetRequiredInhibit	BOOL	Decimal		Read/Write
SafetyNotConfiguredInhibit	BOOL	Decimal		Read/Write
StopCommandActiveInhibit	BOOL	Decimal		Read/Write

Data type Name: AXIS_CONSUMED

Description:

Size: 364 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
MotionFault	BOOL	Decimal		Read/Write
GuardFault	BOOL	Decimal		Read/Write
InitializationFault	BOOL	Decimal		Read/Write
APRFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1 Position	REAL	Float		Read/Write
Registration2 Position	REAL	Float		Read/Write
Registration1 Time	DINT	Decimal		Read/Write
Registration2 Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write
ModuleFaults	DINT	Hex		Read/Write
ControlSyncFault	BOOL	Decimal		Read/Write

Data type Name: AXIS_GENERIC

Description:

Size: 364 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1Position	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
Registration2Position	REAL	Float		Read/Write
Registration1Time	DINT	Decimal		Read/Write
Registration2Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write

Data type Name: AXIS_GENERIC_DRIVE

Description:

Size: 604 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1Position	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
Registration2Position	REAL	Float		Read/Write
Registration1Time	DINT	Decimal		Read/Write
Registration2Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write
ModuleFaults	DINT	Hex		Read/Write
ControlSyncFault	BOOL	Decimal		Read/Write
ModuleSyncFault	BOOL	Decimal		Read/Write
TimerEventFault	BOOL	Decimal		Read/Write
ModuleHardwareFault	BOOL	Decimal		Read/Write
SERCOSRingFault	BOOL	Decimal		Read/Write
AttributeErrorCode	INT	Hex		Read/Write
AttributeErrorID	INT	Hex		Read/Write
DriveStatus	DINT	Hex		Read/Write
VelocityLockStatus	BOOL	Decimal		Read/Write
VelocityStandstillStatus	BOOL	Decimal		Read/Write
VelocityThresholdStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
TorqueThresholdStatus	BOOL	Decimal		Read/Write
TorqueLimitStatus	BOOL	Decimal		Read/Write
VelocityLimitStatus	BOOL	Decimal		Read/Write
PositionLockStatus	BOOL	Decimal		Read/Write
PowerLimitStatus	BOOL	Decimal		Read/Write
LowVelocityThresholdStatus	BOOL	Decimal		Read/Write
HighVelocityThresholdStatus	BOOL	Decimal		Read/Write
DriveFault	DINT	Hex		Read/Write
OverloadFault	BOOL	Decimal		Read/Write
DriveOvertempFault	BOOL	Decimal		Read/Write
MotorOvertempFault	BOOL	Decimal		Read/Write
DriveCoolingFault	BOOL	Decimal		Read/Write
DriveControlVoltageFault	BOOL	Decimal		Read/Write
FeedbackFault	BOOL	Decimal		Read/Write
CommutationFault	BOOL	Decimal		Read/Write
DriveOvercurrentFault	BOOL	Decimal		Read/Write
DriveOvervoltageFault	BOOL	Decimal		Read/Write
DriveUndervoltageFault	BOOL	Decimal		Read/Write
PowerPhaseLossFault	BOOL	Decimal		Read/Write
PositionErrorFault	BOOL	Decimal		Read/Write
SERCOSFault	BOOL	Decimal		Read/Write
OvertravelFault	BOOL	Decimal		Read/Write
ManufacturerSpecificFault	BOOL	Decimal		Read/Write
SERCOSErrorCode	INT	Hex		Read/Write

Data type Name: AXIS_SERVO

Description:

Size: 364 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1Position	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
Registration2Position	REAL	Float		Read/Write
Registration1Time	DINT	Decimal		Read/Write
Registration2Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write
ServoStatus	DINT	Hex		Read/Write
ProcessStatus	BOOL	Decimal		Read/Write
OutputLimitStatus	BOOL	Decimal		Read/Write
PositionLockStatus	BOOL	Decimal		Read/Write
HomeInputStatus	BOOL	Decimal		Read/Write
Reg1InputStatus	BOOL	Decimal		Read/Write
Reg2InputStatus	BOOL	Decimal		Read/Write
DriveFaultInputStatus	BOOL	Decimal		Read/Write
ServoFault	DINT	Hex		Read/Write
PosSoftOvertravelFault	BOOL	Decimal		Read/Write
NegSoftOvertravelFault	BOOL	Decimal		Read/Write
FeedbackFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
FeedbackNoiseFault	BOOL	Decimal		Read/Write
PositionErrorFault	BOOL	Decimal		Read/Write
DriveFault	BOOL	Decimal		Read/Write
ModuleFaults	DINT	Hex		Read/Write
ControlSyncFault	BOOL	Decimal		Read/Write
ModuleSyncFault	BOOL	Decimal		Read/Write
TimerEventFault	BOOL	Decimal		Read/Write
ModuleHardwareFault	BOOL	Decimal		Read/Write
InterModuleSyncFault	BOOL	Decimal		Read/Write
AttributeErrorCode	INT	Hex		Read/Write
AttributeErrorID	INT	Hex		Read/Write
PositionCommand	REAL	Float		Read/Write
PositionFeedback	REAL	Float		Read/Write
AuxPositionFeedback	REAL	Float		Read/Write
PositionError	REAL	Float		Read/Write
PositionIntegratorError	REAL	Float		Read/Write
VelocityCommand	REAL	Float		Read/Write
VelocityFeedback	REAL	Float		Read/Write
VelocityError	REAL	Float		Read/Write
VelocityIntegratorError	REAL	Float		Read/Write
AccelerationCommand	REAL	Float		Read/Write
AccelerationFeedback	REAL	Float		Read/Write
ServoOutputLevel	REAL	Float		Read/Write
MarkerDistance	REAL	Float		Read/Write
VelocityOffset	REAL	Float		Read/Write
TorqueOffset	REAL	Float		Read/Write

Data type Name: AXIS_SERVO_DRIVE

Description:

Size: 604 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1Position	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
Registration2Position	REAL	Float		Read/Write
Registration1Time	DINT	Decimal		Read/Write
Registration2Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write
ModuleFaults	DINT	Hex		Read/Write
ControlSyncFault	BOOL	Decimal		Read/Write
ModuleSyncFault	BOOL	Decimal		Read/Write
TimerEventFault	BOOL	Decimal		Read/Write
ModuleHardwareFault	BOOL	Decimal		Read/Write
SERCOSRingFault	BOOL	Decimal		Read/Write
AttributeErrorCode	INT	Hex		Read/Write
AttributeErrorID	INT	Hex		Read/Write
PositionCommand	REAL	Float		Read/Write
PositionFeedback	REAL	Float		Read/Write
AuxPositionFeedback	REAL	Float		Read/Write
PositionError	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
PositionIntegratorError	REAL	Float		Read/Write
VelocityCommand	REAL	Float		Read/Write
VelocityFeedback	REAL	Float		Read/Write
VelocityError	REAL	Float		Read/Write
VelocityIntegratorError	REAL	Float		Read/Write
AccelerationCommand	REAL	Float		Read/Write
AccelerationFeedback	REAL	Float		Read/Write
MarkerDistance	REAL	Float		Read/Write
VelocityOffset	REAL	Float		Read/Write
TorqueOffset	REAL	Float		Read/Write
TorqueCommand	REAL	Float		Read/Write
TorqueFeedback	REAL	Float		Read/Write
PosDynamicTorqueLimit	REAL	Float		Read/Write
NegDynamicTorqueLimit	REAL	Float		Read/Write
TorqueLimitSource	DINT	Hex		Read/Write
MotorElectricalAngle	REAL	Float		Read/Write
DCBusVoltage	REAL	Float		Read/Write
MotorCapacity	REAL	Float		Read/Write
DriveCapacity	REAL	Float		Read/Write
PowerCapacity	REAL	Float		Read/Write
BusRegulatorCapacity	REAL	Float		Read/Write
AnalogInput1	REAL	Float		Read/Write
AnalogInput2	REAL	Float		Read/Write
DriveStatus	DINT	Hex		Read/Write
ProcessStatus	BOOL	Decimal		Read/Write
BusReadyStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
HomeInputStatus	BOOL	Decimal		Read/Write
Reg1InputStatus	BOOL	Decimal		Read/Write
Reg2InputStatus	BOOL	Decimal		Read/Write
PosOvertravelInputStatus	BOOL	Decimal		Read/Write
NegOvertravelInputStatus	BOOL	Decimal		Read/Write
EnableInputStatus	BOOL	Decimal		Read/Write
AccelLimitStatus	BOOL	Decimal		Read/Write
AbsoluteReferenceStatus	BOOL	Decimal		Read/Write
SafeOffModeActiveStatus	BOOL	Decimal		Read/Write
VelocityLockStatus	BOOL	Decimal		Read/Write
VelocityStandstillStatus	BOOL	Decimal		Read/Write
VelocityThresholdStatus	BOOL	Decimal		Read/Write
TorqueThresholdStatus	BOOL	Decimal		Read/Write
TorqueLimitStatus	BOOL	Decimal		Read/Write
VelocityLimitStatus	BOOL	Decimal		Read/Write
PositionLockStatus	BOOL	Decimal		Read/Write
PowerLimitStatus	BOOL	Decimal		Read/Write
LowVelocityThresholdStatus	BOOL	Decimal		Read/Write
HighVelocityThresholdStatus	BOOL	Decimal		Read/Write
DriveFault	DINT	Hex		Read/Write
PosSoftOvertravelFault	BOOL	Decimal		Read/Write
NegSoftOvertravelFault	BOOL	Decimal		Read/Write
PosHardOvertravelFault	BOOL	Decimal		Read/Write
NegHardOvertravelFault	BOOL	Decimal		Read/Write
MotFeedbackFault	BOOL	Decimal		Read/Write
MotFeedbackNoiseFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AuxFeedbackFault	BOOL	Decimal		Read/Write
AuxFeedbackNoiseFault	BOOL	Decimal		Read/Write
DriveEnableInputFault	BOOL	Decimal		Read/Write
CommonBusFault	BOOL	Decimal		Read/Write
PreChargeOverloadFault	BOOL	Decimal		Read/Write
GuardFaultExists	BOOL	Decimal		Read/Write
GroundShortFault	BOOL	Decimal		Read/Write
DriveHardFault	BOOL	Decimal		Read/Write
OverSpeedFault	BOOL	Decimal		Read/Write
OverloadFault	BOOL	Decimal		Read/Write
DriveOvertempFault	BOOL	Decimal		Read/Write
MotorOvertempFault	BOOL	Decimal		Read/Write
DriveCoolingFault	BOOL	Decimal		Read/Write
DriveControlVoltageFault	BOOL	Decimal		Read/Write
FeedbackFault	BOOL	Decimal		Read/Write
CommutationFault	BOOL	Decimal		Read/Write
DriveOvercurrentFault	BOOL	Decimal		Read/Write
DriveOvervoltageFault	BOOL	Decimal		Read/Write
DriveUndervoltageFault	BOOL	Decimal		Read/Write
PowerPhaseLossFault	BOOL	Decimal		Read/Write
PositionErrorFault	BOOL	Decimal		Read/Write
SERCOSFault	BOOL	Decimal		Read/Write
SERCOSErrorCode	INT	Hex		Read/Write
GuardStatus	DINT	Hex		Read/Write
GuardOKStatus	BOOL	Decimal		Read/Write
GuardConfigLockedStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
GuardGateDriveOutputStatus	BOOL	Decimal		Read/Write
GuardStopInputStatus	BOOL	Decimal		Read/Write
GuardStopRequestStatus	BOOL	Decimal		Read/Write
GuardStopInProgressStatus	BOOL	Decimal		Read/Write
GuardStopDecelStatus	BOOL	Decimal		Read/Write
GuardStopStandstillStatus	BOOL	Decimal		Read/Write
GuardStopOutputStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedInputStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedRequestStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardLimitedSpeedOutputStatus	BOOL	Decimal		Read/Write
GuardMaxSpeedMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardMaxAccelMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardDirectionMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardDoorControlLockStatus	BOOL	Decimal		Read/Write
GuardDoorControlOutputStatus	BOOL	Decimal		Read/Write
GuardDoorMonitorInputStatus	BOOL	Decimal		Read/Write
GuardDoorMonitorInProgressStatus	BOOL	Decimal		Read/Write
GuardLockMonitorInputStatus	BOOL	Decimal		Read/Write
GuardEnablingSwitchInputStatus	BOOL	Decimal		Read/Write
GuardEnablingSwitchInProgressStatus	BOOL	Decimal		Read/Write
GuardResetInputStatus	BOOL	Decimal		Read/Write
GuardResetRequiredStatus	BOOL	Decimal		Read/Write
GuardStopInputCycleRequiredStatus	BOOL	Decimal		Read/Write
GuardFaults	DINT	Hex		Read/Write
GuardInternalFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
GuardConfigurationFault	BOOL	Decimal		Read/Write
GuardGateDriveFault	BOOL	Decimal		Read/Write
GuardResetFault	BOOL	Decimal		Read/Write
GuardFeedback1 Fault	BOOL	Decimal		Read/Write
GuardFeedback2Fault	BOOL	Decimal		Read/Write
GuardFeedbackSpeedCompareFault	BOOL	Decimal		Read/Write
GuardFeedbackPositionCompareFault	BOOL	Decimal		Read/Write
GuardStopInputFault	BOOL	Decimal		Read/Write
GuardStopOutputFault	BOOL	Decimal		Read/Write
GuardStopDecelFault	BOOL	Decimal		Read/Write
GuardStopStandstillFault	BOOL	Decimal		Read/Write
GuardStopMotionFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedInputFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedOutputFault	BOOL	Decimal		Read/Write
GuardLimitedSpeedMonitorFault	BOOL	Decimal		Read/Write
GuardMaxSpeedMonitorFault	BOOL	Decimal		Read/Write
GuardMaxAccelMonitorFault	BOOL	Decimal		Read/Write
GuardDirectionMonitorFault	BOOL	Decimal		Read/Write
GuardDoorMonitorInputFault	BOOL	Decimal		Read/Write
GuardDoorMonitorFault	BOOL	Decimal		Read/Write
GuardDoorControlOutputFault	BOOL	Decimal		Read/Write
GuardLockMonitorInputFault	BOOL	Decimal		Read/Write
GuardLockMonitorFault	BOOL	Decimal		Read/Write
GuardEnablingSwitchMonitorInputFault	BOOL	Decimal		Read/Write
GuardEnablingSwitchMonitorFault	BOOL	Decimal		Read/Write
GuardFeedback1 VoltageMonitorFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
GuardFeedback2VoltageMonitorFault	BOOL	Decimal		Read/Write

Data type Name: AXIS_VIRTUAL

Description:

Size: 364 byte(s)

Name	Data Type	Style	Description	External Access
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
AxisStatus	DINT	Hex		Read/Write
ServoActionStatus	BOOL	Decimal		Read/Write
DriveEnableStatus	BOOL	Decimal		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ConfigUpdateInProgress	BOOL	Decimal		Read/Write
InhibitStatus	BOOL	Decimal		Read/Write
DirectControlStatus	BOOL	Decimal		Read/Write
MotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
JogStatus	BOOL	Decimal		Read/Write
GearingStatus	BOOL	Decimal		Read/Write
HomingStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
AxisHomedStatus	BOOL	Decimal		Read/Write
PositionCamStatus	BOOL	Decimal		Read/Write
TimeCamStatus	BOOL	Decimal		Read/Write
PositionCamPendingStatus	BOOL	Decimal		Read/Write
TimeCamPendingStatus	BOOL	Decimal		Read/Write
GearingLockStatus	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PositionCamLockStatus	BOOL	Decimal		Read/Write
MasterOffsetMoveStatus	BOOL	Decimal		Read/Write
CoordinatedMotionStatus	BOOL	Decimal		Read/Write
TransformStateStatus	BOOL	Decimal		Read/Write
ControlledByTransformStatus	BOOL	Decimal		Read/Write
AxisEvent	DINT	Hex		Read/Write
WatchEventArmedStatus	BOOL	Decimal		Read/Write
WatchEventStatus	BOOL	Decimal		Read/Write
RegEvent1ArmedStatus	BOOL	Decimal		Read/Write
RegEvent1Status	BOOL	Decimal		Read/Write
RegEvent2ArmedStatus	BOOL	Decimal		Read/Write
RegEvent2Status	BOOL	Decimal		Read/Write
HomeEventArmedStatus	BOOL	Decimal		Read/Write
HomeEventStatus	BOOL	Decimal		Read/Write
OutputCamStatus	DINT	Hex		Read/Write
OutputCamPendingStatus	DINT	Hex		Read/Write
OutputCamLockStatus	DINT	Hex		Read/Write
OutputCamTransitionStatus	DINT	Hex		Read/Write
ActualPosition	REAL	Float		Read/Write
StrobeActualPosition	REAL	Float		Read/Write
StartActualPosition	REAL	Float		Read/Write
AverageVelocity	REAL	Float		Read/Write
ActualVelocity	REAL	Float		Read/Write
ActualAcceleration	REAL	Float		Read/Write
WatchPosition	REAL	Float		Read/Write
Registration1Position	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
Registration2Position	REAL	Float		Read/Write
Registration1Time	DINT	Decimal		Read/Write
Registration2Time	DINT	Decimal		Read/Write
InterpolationTime	DINT	Decimal		Read/Write
InterpolatedActualPosition	REAL	Float		Read/Write
InterpolatedCommandPosition	REAL	Float		Read/Write
MasterOffset	REAL	Float		Read/Write
StrobeMasterOffset	REAL	Float		Read/Write
StartMasterOffset	REAL	Float		Read/Write
CommandPosition	REAL	Float		Read/Write
StrobeCommandPosition	REAL	Float		Read/Write
StartCommandPosition	REAL	Float		Read/Write
CommandVelocity	REAL	Float		Read/Write
CommandAcceleration	REAL	Float		Read/Write

Data type Name: CAM

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
Master	REAL	Float		Read/Write
Slave	REAL	Float		Read/Write
SegmentType	DINT	Decimal		Read/Write

Data type Name: CAMSHAFT_MONITOR

Description:

Size: 92 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
MotionRequest	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
MechanicalDelayTime	DINT	Decimal		Read/Write
MaxPulsePeriod	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
MeasuredStartTime	DINT	Decimal		Read/Write
MeasuredStopTime	DINT	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CAM_PROFILE

Description:

Size: 56 byte(s)

Name	Data Type	Style	Description	External Access
Status	DINT	Decimal		Read/Write

Data type Name: CB_CONTINUOUS_MODE

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
AckType	BOOL	Decimal		Read/Write
TakeoverMode	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
SafetyEnable	BOOL	Decimal		Read/Write
StandardEnable	BOOL	Decimal		Read/Write
ArmContinuous	BOOL	Decimal		Read/Write
Start	BOOL	Decimal		Read/Write
StopAtTop	BOOL	Decimal		Read/Write
PressInMotion	BOOL	Decimal		Read/Write
MotionMonitorFault	BOOL	Decimal		Read/Write
SafetyEnableAck	BOOL	Decimal		Read/Write
Mode	DINT	Decimal		Read/Write
SlideZone	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CA	BOOL	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CB_CRANKSHAFT_POS_MONITOR

Description:

Size: 48 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
CamProfile	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
BrakeCam	BOOL	Decimal		Read/Write
TakeoverCam	BOOL	Decimal		Read/Write
DynamicCam	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reverse	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
PressMotionStatus	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
TZ	BOOL	Decimal		Read/Write
DZ	BOOL	Decimal		Read/Write
UZ	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
SlideZone	DINT	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CB_INCH_MODE

Description:

Size: 44 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
AckType	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
SafetyEnable	BOOL	Decimal		Read/Write
StandardEnable	BOOL	Decimal		Read/Write
Start	BOOL	Decimal		Read/Write
PressInMotion	BOOL	Decimal		Read/Write
MotionMonitorFault	BOOL	Decimal		Read/Write
SafetyEnableAck	BOOL	Decimal		Read/Write
SlideZone	DINT	Decimal		Read/Write
InchTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CB_SINGLE_STROKE_MODE

Description:

Size: 36 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
AckType	BOOL	Decimal		Read/Write
TakeoverMode	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
SafetyEnable	BOOL	Decimal		Read/Write
StandardEnable	BOOL	Decimal		Read/Write
Start	BOOL	Decimal		Read/Write
PressInMotion	BOOL	Decimal		Read/Write
MotionMonitorFault	BOOL	Decimal		Read/Write
SafetyEnableAck	BOOL	Decimal		Read/Write
SlideZone	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CC

Description:

Size: 8692 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
PV	REAL	Float		Read/Write
PVFault	BOOL	Decimal		Read/Write
PVEUMax	REAL	Float		Read/Write
PVEUMin	REAL	Float		Read/Write
SPProg	REAL	Float		Read/Write
SPOper	REAL	Float		Read/Write
SPHLimit	REAL	Float		Read/Write
SPLLimit	REAL	Float		Read/Write
CV1Fault	BOOL	Decimal		Read/Write
CV2Fault	BOOL	Decimal		Read/Write
CV3Fault	BOOL	Decimal		Read/Write
CV1InitReq	BOOL	Decimal		Read/Write
CV2InitReq	BOOL	Decimal		Read/Write
CV3InitReq	BOOL	Decimal		Read/Write
CV1InitValue	REAL	Float		Read/Write
CV2InitValue	REAL	Float		Read/Write
CV3InitValue	REAL	Float		Read/Write
CV1Prog	REAL	Float		Read/Write
CV2Prog	REAL	Float		Read/Write
CV3Prog	REAL	Float		Read/Write
CV1Oper	REAL	Float		Read/Write
CV2Oper	REAL	Float		Read/Write
CV3Oper	REAL	Float		Read/Write
CV1OverrideValue	REAL	Float		Read/Write
CV2OverrideValue	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV3OverrideValue	REAL	Float		Read/Write
CV1TrackValue	REAL	Float		Read/Write
CV2TrackValue	REAL	Float		Read/Write
CV3TrackValue	REAL	Float		Read/Write
CVManLimiting	BOOL	Decimal		Read/Write
CV1EUMax	REAL	Float		Read/Write
CV2EUMax	REAL	Float		Read/Write
CV3EUMax	REAL	Float		Read/Write
CV1EUMin	REAL	Float		Read/Write
CV2EUMin	REAL	Float		Read/Write
CV3EUMin	REAL	Float		Read/Write
CV1HLimit	REAL	Float		Read/Write
CV2HLimit	REAL	Float		Read/Write
CV3HLimit	REAL	Float		Read/Write
CV1LLimit	REAL	Float		Read/Write
CV2LLimit	REAL	Float		Read/Write
CV3LLimit	REAL	Float		Read/Write
CV1ROCPosLimit	REAL	Float		Read/Write
CV2ROCPosLimit	REAL	Float		Read/Write
CV3ROCPosLimit	REAL	Float		Read/Write
CV1ROCNegLimit	REAL	Float		Read/Write
CV2ROCNegLimit	REAL	Float		Read/Write
CV3ROCNegLimit	REAL	Float		Read/Write
CV1HandFB	REAL	Float		Read/Write
CV2HandFB	REAL	Float		Read/Write
CV3HandFB	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV1HandFBFault	BOOL	Decimal		Read/Write
CV2HandFBFault	BOOL	Decimal		Read/Write
CV3HandFBFault	BOOL	Decimal		Read/Write
CV1Target	REAL	Float		Read/Write
CV2Target	REAL	Float		Read/Write
CV3Target	REAL	Float		Read/Write
CV1WindupHIn	BOOL	Decimal		Read/Write
CV2WindupHIn	BOOL	Decimal		Read/Write
CV3WindupHIn	BOOL	Decimal		Read/Write
CV1WindupLIn	BOOL	Decimal		Read/Write
CV2WindupLIn	BOOL	Decimal		Read/Write
CV3WindupLIn	BOOL	Decimal		Read/Write
GainEUSpan	BOOL	Decimal		Read/Write
CV1ProcessGainSign	BOOL	Decimal		Read/Write
CV2ProcessGainSign	BOOL	Decimal		Read/Write
CV3ProcessGainSign	BOOL	Decimal		Read/Write
ProcessType	DINT	Decimal		Read/Write
CV1ModelGain	REAL	Float		Read/Write
CV2ModelGain	REAL	Float		Read/Write
CV3ModelGain	REAL	Float		Read/Write
CV1ModelTC	REAL	Float		Read/Write
CV2ModelTC	REAL	Float		Read/Write
CV3ModelTC	REAL	Float		Read/Write
CV1ModelDT	REAL	Float		Read/Write
CV2ModelDT	REAL	Float		Read/Write
CV3ModelDT	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV1RespTC	REAL	Float		Read/Write
CV2RespTC	REAL	Float		Read/Write
CV3RespTC	REAL	Float		Read/Write
Act1stCV	DINT	Decimal		Read/Write
Act2ndCV	DINT	Decimal		Read/Write
Act3rdCV	DINT	Decimal		Read/Write
Target1stCV	DINT	Decimal		Read/Write
Target2ndCV	DINT	Decimal		Read/Write
Target3rdCV	DINT	Decimal		Read/Write
TargetRespTC	REAL	Float		Read/Write
PVTracking	BOOL	Decimal		Read/Write
CVTrackReq	BOOL	Decimal		Read/Write
ManualAfterInit	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgCV1AutoReq	BOOL	Decimal		Read/Write
ProgCV2AutoReq	BOOL	Decimal		Read/Write
ProgCV3AutoReq	BOOL	Decimal		Read/Write
ProgCV1ManualReq	BOOL	Decimal		Read/Write
ProgCV2ManualReq	BOOL	Decimal		Read/Write
ProgCV3ManualReq	BOOL	Decimal		Read/Write
ProgCV1OverrideReq	BOOL	Decimal		Read/Write
ProgCV2OverrideReq	BOOL	Decimal		Read/Write
ProgCV3OverrideReq	BOOL	Decimal		Read/Write
ProgCV1HandReq	BOOL	Decimal		Read/Write
ProgCV2HandReq	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ProgCV3HandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
OperCV1AutoReq	BOOL	Decimal		Read/Write
OperCV2AutoReq	BOOL	Decimal		Read/Write
OperCV3AutoReq	BOOL	Decimal		Read/Write
OperCV1ManualReq	BOOL	Decimal		Read/Write
OperCV2ManualReq	BOOL	Decimal		Read/Write
OperCV3ManualReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
PVTuneLimit	REAL	Float		Read/Write
AtuneTimeLimit	REAL	Float		Read/Write
NoiseLevel	DINT	Decimal		Read/Write
CV1StepSize	REAL	Float		Read/Write
CV2StepSize	REAL	Float		Read/Write
CV3StepSize	REAL	Float		Read/Write
CV1ResponseSpeed	DINT	Decimal		Read/Write
CV2ResponseSpeed	DINT	Decimal		Read/Write
CV3ResponseSpeed	DINT	Decimal		Read/Write
CV1ModelInit	BOOL	Decimal		Read/Write
CV2ModelInit	BOOL	Decimal		Read/Write
CV3ModelInit	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
Factor	REAL	Float		Read/Write
AtuneCV1Start	BOOL	Decimal		Read/Write
AtuneCV2Start	BOOL	Decimal		Read/Write
AtuneCV3Start	BOOL	Decimal		Read/Write
AtuneCV1UseModel	BOOL	Decimal		Read/Write
AtuneCV2UseModel	BOOL	Decimal		Read/Write
AtuneCV3UseModel	BOOL	Decimal		Read/Write
AtuneCV1Abort	BOOL	Decimal		Read/Write
AtuneCV2Abort	BOOL	Decimal		Read/Write
AtuneCV3Abort	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
CV1EU	REAL	Float		Read/Write
CV2EU	REAL	Float		Read/Write
CV3EU	REAL	Float		Read/Write
CV1	REAL	Float		Read/Write
CV2	REAL	Float		Read/Write
CV3	REAL	Float		Read/Write
DeltaCV1	REAL	Float		Read/Write
DeltaCV2	REAL	Float		Read/Write
DeltaCV3	REAL	Float		Read/Write
CV1Initializing	BOOL	Decimal		Read/Write
CV2Initializing	BOOL	Decimal		Read/Write
CV3Initializing	BOOL	Decimal		Read/Write
CV1HAlarm	BOOL	Decimal		Read/Write
CV2HAlarm	BOOL	Decimal		Read/Write
CV3HAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV1LAlarm	BOOL	Decimal		Read/Write
CV2LAlarm	BOOL	Decimal		Read/Write
CV3LAlarm	BOOL	Decimal		Read/Write
CV1ROCPosAlarm	BOOL	Decimal		Read/Write
CV2ROCPosAlarm	BOOL	Decimal		Read/Write
CV3ROCPosAlarm	BOOL	Decimal		Read/Write
CV1ROCNegAlarm	BOOL	Decimal		Read/Write
CV2ROCNegAlarm	BOOL	Decimal		Read/Write
CV3ROCNegAlarm	BOOL	Decimal		Read/Write
SP	REAL	Float		Read/Write
SPPercent	REAL	Float		Read/Write
SPHAlarm	BOOL	Decimal		Read/Write
SPLAlarm	BOOL	Decimal		Read/Write
PVPercent	REAL	Float		Read/Write
E	REAL	Float		Read/Write
EPercent	REAL	Float		Read/Write
CV1WindupHOut	BOOL	Decimal		Read/Write
CV2WindupHOut	BOOL	Decimal		Read/Write
CV3WindupHOut	BOOL	Decimal		Read/Write
CV1WindupLOut	BOOL	Decimal		Read/Write
CV2WindupLOut	BOOL	Decimal		Read/Write
CV3WindupLOut	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
CV1Auto	BOOL	Decimal		Read/Write
CV2Auto	BOOL	Decimal		Read/Write
CV3Auto	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV1Manual	BOOL	Decimal		Read/Write
CV2Manual	BOOL	Decimal		Read/Write
CV3Manual	BOOL	Decimal		Read/Write
CV1Override	BOOL	Decimal		Read/Write
CV2Override	BOOL	Decimal		Read/Write
CV3Override	BOOL	Decimal		Read/Write
CV1Hand	BOOL	Decimal		Read/Write
CV2Hand	BOOL	Decimal		Read/Write
CV3Hand	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
CV1StepSizeUsed	REAL	Float		Read/Write
CV2StepSizeUsed	REAL	Float		Read/Write
CV3StepSizeUsed	REAL	Float		Read/Write
CV1GainTuned	REAL	Float		Read/Write
CV2GainTuned	REAL	Float		Read/Write
CV3GainTuned	REAL	Float		Read/Write
CV1TCTuned	REAL	Float		Read/Write
CV2TCTuned	REAL	Float		Read/Write
CV3TCTuned	REAL	Float		Read/Write
CV1DTTuned	REAL	Float		Read/Write
CV2DTTuned	REAL	Float		Read/Write
CV3DTTuned	REAL	Float		Read/Write
CV1RespTCTunedS	REAL	Float		Read/Write
CV2RespTCTunedS	REAL	Float		Read/Write
CV3RespTCTunedS	REAL	Float		Read/Write
CV1RespTCTunedM	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV2RespTCTunedM	REAL	Float		Read/Write
CV3RespTCTunedM	REAL	Float		Read/Write
CV1RespTCTunedF	REAL	Float		Read/Write
CV2RespTCTunedF	REAL	Float		Read/Write
CV3RespTCTunedF	REAL	Float		Read/Write
AtuneCV1On	BOOL	Decimal		Read/Write
AtuneCV2On	BOOL	Decimal		Read/Write
AtuneCV3On	BOOL	Decimal		Read/Write
AtuneCV1Done	BOOL	Decimal		Read/Write
AtuneCV2Done	BOOL	Decimal		Read/Write
AtuneCV3Done	BOOL	Decimal		Read/Write
AtuneCV1Aborted	BOOL	Decimal		Read/Write
AtuneCV2Aborted	BOOL	Decimal		Read/Write
AtuneCV3Aborted	BOOL	Decimal		Read/Write
AtuneCV1Status	DINT	Hex		Read/Write
AtuneCV2Status	DINT	Hex		Read/Write
AtuneCV3Status	DINT	Hex		Read/Write
AtuneCV1Fault	BOOL	Decimal		Read/Write
AtuneCV1PVOutOfLimit	BOOL	Decimal		Read/Write
AtuneCV1ModeInv	BOOL	Decimal		Read/Write
AtuneCV1WindupFault	BOOL	Decimal		Read/Write
AtuneCV1StepSize0	BOOL	Decimal		Read/Write
AtuneCV1LimitsFault	BOOL	Decimal		Read/Write
AtuneCV1InitFault	BOOL	Decimal		Read/Write
AtuneCV1EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV1Changed	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AtuneCV1Timeout	BOOL	Decimal		Read/Write
AtuneCV1PVNotSettled	BOOL	Decimal		Read/Write
AtuneCV2Fault	BOOL	Decimal		Read/Write
AtuneCV2PVOutOfLimit	BOOL	Decimal		Read/Write
AtuneCV2ModeInv	BOOL	Decimal		Read/Write
AtuneCV2WindupFault	BOOL	Decimal		Read/Write
AtuneCV2StepSize0	BOOL	Decimal		Read/Write
AtuneCV2LimitsFault	BOOL	Decimal		Read/Write
AtuneCV2InitFault	BOOL	Decimal		Read/Write
AtuneCV2EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV2Changed	BOOL	Decimal		Read/Write
AtuneCV2Timeout	BOOL	Decimal		Read/Write
AtuneCV2PVNotSettled	BOOL	Decimal		Read/Write
AtuneCV3Fault	BOOL	Decimal		Read/Write
AtuneCV3PVOutOfLimit	BOOL	Decimal		Read/Write
AtuneCV3ModeInv	BOOL	Decimal		Read/Write
AtuneCV3WindupFault	BOOL	Decimal		Read/Write
AtuneCV3StepSize0	BOOL	Decimal		Read/Write
AtuneCV3LimitsFault	BOOL	Decimal		Read/Write
AtuneCV3InitFault	BOOL	Decimal		Read/Write
AtuneCV3EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV3Changed	BOOL	Decimal		Read/Write
AtuneCV3Timeout	BOOL	Decimal		Read/Write
AtuneCV3PVNotSettled	BOOL	Decimal		Read/Write
Status1	DINT	Hex		Read/Write
Status2	DINT	Hex		Read/Write

Name	Data Type	Style	Description	External Access
Status3CV1	DINT	Hex		Read/Write
Status3CV2	DINT	Hex		Read/Write
Status3CV3	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
PVFaulted	BOOL	Decimal		Read/Write
PVSpanInv	BOOL	Decimal		Read/Write
SPProgInv	BOOL	Decimal		Read/Write
SPOperInv	BOOL	Decimal		Read/Write
SPLimitsInv	BOOL	Decimal		Read/Write
SampleTimeTooSmall	BOOL	Decimal		Read/Write
FactorInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write
CV1Faulted	BOOL	Decimal		Read/Write
CV1HandFBFaulted	BOOL	Decimal		Read/Write
CV1ProgInv	BOOL	Decimal		Read/Write
CV1OperInv	BOOL	Decimal		Read/Write
CV1OverrideValueInv	BOOL	Decimal		Read/Write
CV1TrackValueInv	BOOL	Decimal		Read/Write
CV1EUSpanInv	BOOL	Decimal		Read/Write
CV1LimitsInv	BOOL	Decimal		Read/Write
CV1ROCLimitInv	BOOL	Decimal		Read/Write
CV1HandFBInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV1ModelGainInv	BOOL	Decimal		Read/Write
CV1ModelTCInv	BOOL	Decimal		Read/Write
CV1ModelDTInv	BOOL	Decimal		Read/Write
CV1RespTCInv	BOOL	Decimal		Read/Write
CV1TargetInv	BOOL	Decimal		Read/Write
CV2Faulted	BOOL	Decimal		Read/Write
CV2HandFBFaulted	BOOL	Decimal		Read/Write
CV2ProgInv	BOOL	Decimal		Read/Write
CV2OperInv	BOOL	Decimal		Read/Write
CV2OverrideValueInv	BOOL	Decimal		Read/Write
CV2TrackValueInv	BOOL	Decimal		Read/Write
CV2EUSpanInv	BOOL	Decimal		Read/Write
CV2LimitsInv	BOOL	Decimal		Read/Write
CV2ROCLimitInv	BOOL	Decimal		Read/Write
CV2HandFBInv	BOOL	Decimal		Read/Write
CV2ModelGainInv	BOOL	Decimal		Read/Write
CV2ModelTCInv	BOOL	Decimal		Read/Write
CV2ModelDTInv	BOOL	Decimal		Read/Write
CV2RespTCInv	BOOL	Decimal		Read/Write
CV2TargetInv	BOOL	Decimal		Read/Write
CV3Faulted	BOOL	Decimal		Read/Write
CV3HandFBFaulted	BOOL	Decimal		Read/Write
CV3ProgInv	BOOL	Decimal		Read/Write
CV3OperInv	BOOL	Decimal		Read/Write
CV3OverrideValueInv	BOOL	Decimal		Read/Write
CV3TrackValueInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV3EUSpanInv	BOOL	Decimal		Read/Write
CV3LimitsInv	BOOL	Decimal		Read/Write
CV3ROCLimitInv	BOOL	Decimal		Read/Write
CV3HandFBInv	BOOL	Decimal		Read/Write
CV3ModelGainInv	BOOL	Decimal		Read/Write
CV3ModelTCInv	BOOL	Decimal		Read/Write
CV3ModelDTInv	BOOL	Decimal		Read/Write
CV3RespTCInv	BOOL	Decimal		Read/Write
CV3TargetInv	BOOL	Decimal		Read/Write

Data type Name: CONFIGURABLE_ROUT

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Actuate	BOOL	Decimal		Read/Write
FeedbackType	BOOL	Decimal		Read/Write
Feedback1	BOOL	Decimal		Read/Write
Feedback2	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
OutputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
FeedbackReactionTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
O2	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: CONNECTION_STATUS

Description:

Size: 4 byte(s)

Name	Data Type	Style	Description	External Access
RunMode	BOOL	Decimal		Read/Write
ConnectionFaulted	BOOL	Decimal		Read/Write

Data type Name: CONTROL

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
LEN	DINT	Decimal		Read/Write
POS	DINT	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
EU	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
EM	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
UL	BOOL	Decimal		Read/Write
IN	BOOL	Decimal		Read/Write
FD	BOOL	Decimal		Read/Write

Data type Name: COORDINATE_SYSTEM

Description:

Size: 84 byte(s)

Name	Data Type	Style	Description	External Access
CoordinateSystemStatus	DINT	Hex		Read/Write
ShutdownStatus	BOOL	Decimal		Read/Write
ReadyStatus	BOOL	Decimal		Read/Write
MotionStatus	BOOL	Decimal		Read/Write
AxisInhibitStatus	BOOL	Decimal		Read/Write
CoordinateMotionStatus	DINT	Hex		Read/Write
AccelStatus	BOOL	Decimal		Read/Write
DecelStatus	BOOL	Decimal		Read/Write
ActualPosToleranceStatus	BOOL	Decimal		Read/Write
CommandPosToleranceStatus	BOOL	Decimal		Read/Write
StoppingStatus	BOOL	Decimal		Read/Write
MoveStatus	BOOL	Decimal		Read/Write
MoveTransitionStatus	BOOL	Decimal		Read/Write
MovePendingStatus	BOOL	Decimal		Read/Write
MovePendingQueueFullStatus	BOOL	Decimal		Read/Write
TransformSourceStatus	BOOL	Decimal		Read/Write
TransformTargetStatus	BOOL	Decimal		Read/Write
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write
GroupFault	BOOL	Decimal		Read/Write
PhysicalAxesFaulted	DINT	Decimal		Read/Write
ModulesFaulted	DINT	Decimal		Read/Write
AxesConfigurationFaulted	DINT	Decimal		Read/Write
AxesShutdownStatus	DINT	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AxesServoOnStatus	DINT	Decimal		Read/Write
AxesInhibitedStatus	DINT	Decimal		Read/Write
ActualPosition	REAL[8]	Float		Read/Write

Data type Name: COUNTER

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
PRE	DINT	Decimal		Read/Write
ACC	DINT	Decimal		Read/Write
CU	BOOL	Decimal		Read/Write
CD	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
OV	BOOL	Decimal		Read/Write
UN	BOOL	Decimal		Read/Write

Data type Name: DCI_MONITOR

Description:

Size: 72 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
IS	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DCI_START

Description:

Size: 80 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DCI_STOP

Description:

Size: 80 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
ColdStartType	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DCI_STOP_TEST

Description:

Size: 92 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
ColdStartType	BOOL	Decimal		Read/Write
TestRequest	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
TC	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DCI_STOP_TEST_LOCK

Description:

Size: 92 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
ColdStartType	BOOL	Decimal		Read/Write
TestRequest	BOOL	Decimal		Read/Write
UnlockRequest	BOOL	Decimal		Read/Write
LockFeedback	BOOL	Decimal		Read/Write
HazardStopped	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
TC	BOOL	Decimal		Read/Write
ULC	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DCI_STOP_TEST_MUTE

Description:

Size: 100 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
ColdStartType	BOOL	Decimal		Read/Write
TestRequest	BOOL	Decimal		Read/Write
Mute	BOOL	Decimal		Read/Write
MutingLampStatus	BOOL	Decimal		Read/Write
SafetyFunction	DINT	Decimal		Read/Write
InputType	DINT	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
TestType	DINT	Decimal		Read/Write
TestTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
TC	BOOL	Decimal		Read/Write
ML	BOOL	Decimal		Read/Write
SS	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: DEADTIME

Description:

Size: 112 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InFault	BOOL	Decimal		Read/Write
Deadtime	REAL	Float		Read/Write
Gain	REAL	Float		Read/Write
Bias	REAL	Float		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
DeadtimeInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: DERIVATIVE

Description:

Size: 88 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Gain	REAL	Float		Read/Write
ByPass	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: DISCRETE_2STATE

Description:

Size: 40 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ProgCommand	BOOL	Decimal		Read/Write
Oper0Req	BOOL	Decimal		Read/Write
Oper1Req	BOOL	Decimal		Read/Write
State0Perm	BOOL	Decimal		Read/Write
State1Perm	BOOL	Decimal		Read/Write
FB0	BOOL	Decimal		Read/Write
FB1	BOOL	Decimal		Read/Write
HandFB	BOOL	Decimal		Read/Write
FaultTime	REAL	Float		Read/Write
FaultAlarmLatch	BOOL	Decimal		Read/Write
FaultAlmUnlatch	BOOL	Decimal		Read/Write
OverrideOnInit	BOOL	Decimal		Read/Write
OverrideOnFault	BOOL	Decimal		Read/Write
OutReverse	BOOL	Decimal		Read/Write
OverrideState	BOOL	Decimal		Read/Write
FB0State0	BOOL	Decimal		Read/Write
FB0State1	BOOL	Decimal		Read/Write
FB1State0	BOOL	Decimal		Read/Write
FB1State1	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgOverrideReq	BOOL	Decimal		Read/Write
ProgHandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ProgValueReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write
Device0State	BOOL	Decimal		Read/Write
Device1State	BOOL	Decimal		Read/Write
CommandStatus	BOOL	Decimal		Read/Write
FaultAlarm	BOOL	Decimal		Read/Write
ModeAlarm	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
Hand	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
FaultTimeInv	BOOL	Decimal		Read/Write
OperReqInv	BOOL	Decimal		Read/Write

Data type Name: DISCRETE_3STATE

Description:

Size: 48 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Prog0Command	BOOL	Decimal		Read/Write
Prog1Command	BOOL	Decimal		Read/Write
Prog2Command	BOOL	Decimal		Read/Write
Oper0Req	BOOL	Decimal		Read/Write
Oper1Req	BOOL	Decimal		Read/Write
Oper2Req	BOOL	Decimal		Read/Write
State0Perm	BOOL	Decimal		Read/Write
State1Perm	BOOL	Decimal		Read/Write
State2Perm	BOOL	Decimal		Read/Write
FB0	BOOL	Decimal		Read/Write
FB1	BOOL	Decimal		Read/Write
FB2	BOOL	Decimal		Read/Write
FB3	BOOL	Decimal		Read/Write
HandFB0	BOOL	Decimal		Read/Write
HandFB1	BOOL	Decimal		Read/Write
HandFB2	BOOL	Decimal		Read/Write
FaultTime	REAL	Float		Read/Write
FaultAlarmLatch	BOOL	Decimal		Read/Write
FaultAlmUnlatch	BOOL	Decimal		Read/Write
OverrideOnInit	BOOL	Decimal		Read/Write
OverrideOnFault	BOOL	Decimal		Read/Write
Out0State0	BOOL	Decimal		Read/Write
Out0State1	BOOL	Decimal		Read/Write
Out0State2	BOOL	Decimal		Read/Write
Out1State0	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
Out1State1	BOOL	Decimal		Read/Write
Out1State2	BOOL	Decimal		Read/Write
Out2State0	BOOL	Decimal		Read/Write
Out2State1	BOOL	Decimal		Read/Write
Out2State2	BOOL	Decimal		Read/Write
OverrideState	DINT	Decimal		Read/Write
FB0State0	BOOL	Decimal		Read/Write
FB0State1	BOOL	Decimal		Read/Write
FB0State2	BOOL	Decimal		Read/Write
FB1State0	BOOL	Decimal		Read/Write
FB1State1	BOOL	Decimal		Read/Write
FB1State2	BOOL	Decimal		Read/Write
FB2State0	BOOL	Decimal		Read/Write
FB2State1	BOOL	Decimal		Read/Write
FB2State2	BOOL	Decimal		Read/Write
FB3State0	BOOL	Decimal		Read/Write
FB3State1	BOOL	Decimal		Read/Write
FB3State2	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgOverrideReq	BOOL	Decimal		Read/Write
ProgHandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
Out0	BOOL	Decimal		Read/Write
Out1	BOOL	Decimal		Read/Write
Out2	BOOL	Decimal		Read/Write
Device0State	BOOL	Decimal		Read/Write
Device1State	BOOL	Decimal		Read/Write
Device2State	BOOL	Decimal		Read/Write
Command0Status	BOOL	Decimal		Read/Write
Command1Status	BOOL	Decimal		Read/Write
Command2Status	BOOL	Decimal		Read/Write
FaultAlarm	BOOL	Decimal		Read/Write
ModeAlarm	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
Hand	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
FaultTimeInv	BOOL	Decimal		Read/Write
OverrideStateInv	BOOL	Decimal		Read/Write
ProgCommandInv	BOOL	Decimal		Read/Write
OperReqInv	BOOL	Decimal		Read/Write
HandCommandInv	BOOL	Decimal		Read/Write

Data type Name: DIVERSE_INPUT

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ResetType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
CircuitReset	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CI	BOOL	Decimal		Read/Write
CRHO	BOOL	Decimal		Read/Write
II	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: DOMINANT_RESET

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Set	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write
OutNot	BOOL	Decimal		Read/Write

Data type Name: DOMINANT_SET

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Set	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write
OutNot	BOOL	Decimal		Read/Write

Data type Name: EIGHT_POS_MODE_SELECTOR

Description:

Size: 44 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Input1	BOOL	Decimal		Read/Write
Input2	BOOL	Decimal		Read/Write
Input3	BOOL	Decimal		Read/Write
Input4	BOOL	Decimal		Read/Write
Input5	BOOL	Decimal		Read/Write
Input6	BOOL	Decimal		Read/Write
Input7	BOOL	Decimal		Read/Write
Input8	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Lock	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
O2	BOOL	Decimal		Read/Write
O3	BOOL	Decimal		Read/Write
O4	BOOL	Decimal		Read/Write
O5	BOOL	Decimal		Read/Write
O6	BOOL	Decimal		Read/Write
O7	BOOL	Decimal		Read/Write
O8	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: EMERGENCY_STOP

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ResetType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
CircuitReset	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CI	BOOL	Decimal		Read/Write
CRHO	BOOL	Decimal		Read/Write
II	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: ENABLE_PENDANT

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ResetType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
CircuitReset	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CI	BOOL	Decimal		Read/Write
CRHO	BOOL	Decimal		Read/Write
II	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: EXT_ROUTINE_CONTROL

Description:

Size: 136 byte(s)

Name	Data Type	Style	Description	External Access
ErrorCode	SINT	Decimal		Read/Write
NumParams	SINT	Decimal		Read/Write
⊞ ParameterDefs	EXT_ROUTINE_PARAMETERS[1			Read/Write
⊞ ReturnParamDef	EXT_ROUTINE_PARAMETERS			Read/Write
EN	BOOL	Decimal		Read/Write
ReturnsValue	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
FirstScan	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
EnableIn	BOOL	Decimal		Read/Write
User1	BOOL	Decimal		Read/Write
User0	BOOL	Decimal		Read/Write
ScanType1	BOOL	Decimal		Read/Write
ScanType0	BOOL	Decimal		Read/Write

Data type Name: EXT_ROUTINE_PARAMETERS

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
ElementSize	DINT	Decimal		Read/Write
ElementCount	DINT	Decimal		Read/Write
ParamType	DINT	Decimal		Read/Write

Data type Name: FBD_BIT_FIELD_DISTRIBUTE

Description:

Size: 28 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	DINT	Decimal		Read/Write
SourceBit	DINT	Decimal		Read/Write
Length	DINT	Decimal		Read/Write
DestBit	DINT	Decimal		Read/Write
Target	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	DINT	Decimal		Read/Write

Data type Name: FBD_BOOLEAN_AND

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	BOOL	Decimal		Read/Write
In2	BOOL	Decimal		Read/Write
In3	BOOL	Decimal		Read/Write
In4	BOOL	Decimal		Read/Write
In5	BOOL	Decimal		Read/Write
In6	BOOL	Decimal		Read/Write
In7	BOOL	Decimal		Read/Write
In8	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write

Data type Name: FBD_BOOLEAN_NOT

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write

Data type Name: FBD_BOOLEAN_OR

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	BOOL	Decimal		Read/Write
In2	BOOL	Decimal		Read/Write
In3	BOOL	Decimal		Read/Write
In4	BOOL	Decimal		Read/Write
In5	BOOL	Decimal		Read/Write
In6	BOOL	Decimal		Read/Write
In7	BOOL	Decimal		Read/Write
In8	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write

Data type Name: FBD_BOOLEAN_XOR

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	BOOL	Decimal		Read/Write
In2	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	BOOL	Decimal		Read/Write

Data type Name: FBD_COMPARE

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
SourceA	REAL	Float		Read/Write
SourceB	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	BOOL	Decimal		Read/Write

Data type Name: FBD_CONVERT

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	DINT	Decimal		Read/Write

Data type Name: FBD_COUNTER

Description:

Size: 24 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
CUEnable	BOOL	Decimal		Read/Write
CDEnable	BOOL	Decimal		Read/Write
PRE	DINT	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
ACC	DINT	Decimal		Read/Write
CU	BOOL	Decimal		Read/Write
CD	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
OV	BOOL	Decimal		Read/Write
UN	BOOL	Decimal		Read/Write

Data type Name: FBD_LIMIT

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
LowLimit	REAL	Float		Read/Write
Test	REAL	Float		Read/Write
HighLimit	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	BOOL	Decimal		Read/Write

Data type Name: FBD_LOGICAL

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
SourceA	DINT	Decimal		Read/Write
SourceB	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	DINT	Decimal		Read/Write

Data type Name: FBD_MASKED_MOVE

Description:

Size: 20 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	DINT	Decimal		Read/Write
Mask	DINT	Decimal		Read/Write
Target	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	DINT	Decimal		Read/Write

Data type Name: FBD_MASK_EQUAL

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	DINT	Decimal		Read/Write
Mask	DINT	Decimal		Read/Write
Compare	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	BOOL	Decimal		Read/Write

Data type Name: FBD_MATH

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
SourceA	REAL	Float		Read/Write
SourceB	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	REAL	Float		Read/Write

Data type Name: FBD_MATH_ADVANCED

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	REAL	Float		Read/Write

Data type Name: FBD_ONESHOT

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
InputBit	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
OutputBit	BOOL	Decimal		Read/Write

Data type Name: FBD_TIMER

Description:

Size: 48 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
TimerEnable	BOOL	Decimal		Read/Write
PRE	DINT	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
ACC	DINT	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
TT	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
PresetInv	BOOL	Decimal		Read/Write

Data type Name: FBD_TRUNCATE

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Source	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Dest	DINT	Decimal		Read/Write

Data type Name: FILTER_HIGH_PASS

Description:

Size: 156 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
WLead	REAL	Float		Read/Write
Order	DINT	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
WLeadInv	BOOL	Decimal		Read/Write
OrderInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: FILTER_LOW_PASS

Description:

Size: 156 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
WLag	REAL	Float		Read/Write
Order	DINT	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
WLagInv	BOOL	Decimal		Read/Write
OrderInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: FILTER_NOTCH

Description:

Size: 184 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
WNotch	REAL	Float		Read/Write
QFactor	REAL	Float		Read/Write
Order	DINT	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
WNotchInv	BOOL	Decimal		Read/Write
QFactorInv	BOOL	Decimal		Read/Write
OrderInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: FIVE_POS_MODE_SELECTOR

Description:

Size: 36 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Input1	BOOL	Decimal		Read/Write
Input2	BOOL	Decimal		Read/Write
Input3	BOOL	Decimal		Read/Write
Input4	BOOL	Decimal		Read/Write
Input5	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
O2	BOOL	Decimal		Read/Write
O3	BOOL	Decimal		Read/Write
O4	BOOL	Decimal		Read/Write
O5	BOOL	Decimal		Read/Write
NM	BOOL	Decimal		Read/Write
MMS	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: FLIP_FLOP_D

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
D	BOOL	Decimal		Read/Write
Clear	BOOL	Decimal		Read/Write
Clock	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Q	BOOL	Decimal		Read/Write
QNot	BOOL	Decimal		Read/Write

Data type Name: FLIP_FLOP_JK

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Clear	BOOL	Decimal		Read/Write
Clock	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Q	BOOL	Decimal		Read/Write
QNot	BOOL	Decimal		Read/Write

Data type Name: FUNCTION_GENERATOR

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
XY1Size	DINT	Decimal		Read/Write
XY2Size	DINT	Decimal		Read/Write
Select	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
XY1SizeInv	BOOL	Decimal		Read/Write
XY2SizeInv	BOOL	Decimal		Read/Write
XisOutOfOrder	BOOL	Decimal		Read/Write

Data type Name: HL_LIMIT

Description:

Size: 36 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
HighLimit	REAL	Float		Read/Write
LowLimit	REAL	Float		Read/Write
SelectLimit	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
HighAlarm	BOOL	Decimal		Read/Write
LowAlarm	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
LimitsInv	BOOL	Decimal		Read/Write
SelectLimitInv	BOOL	Decimal		Read/Write

Data type Name: IMC

Description:

Size: 4316 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
PV	REAL	Float		Read/Write
PVFault	BOOL	Decimal		Read/Write
PVEUMax	REAL	Float		Read/Write
PVEUMin	REAL	Float		Read/Write
SPProg	REAL	Float		Read/Write
SPOper	REAL	Float		Read/Write
SPCascade	REAL	Float		Read/Write
SPHLimit	REAL	Float		Read/Write
SPLLimit	REAL	Float		Read/Write
UseRatio	BOOL	Decimal		Read/Write
RatioProg	REAL	Float		Read/Write
RatioOper	REAL	Float		Read/Write
RatioHLimit	REAL	Float		Read/Write
RatioLLimit	REAL	Float		Read/Write
CVFault	BOOL	Decimal		Read/Write
CVInitReq	BOOL	Decimal		Read/Write
CVInitValue	REAL	Float		Read/Write
CVProg	REAL	Float		Read/Write
CVOper	REAL	Float		Read/Write
CVOverrideValue	REAL	Float		Read/Write
CVTrackValue	REAL	Float		Read/Write
CVManLimiting	BOOL	Decimal		Read/Write
CVEUMax	REAL	Float		Read/Write
CVEUMin	REAL	Float		Read/Write
CVHLimit	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CVLLimit	REAL	Float		Read/Write
CVROCPoSLimit	REAL	Float		Read/Write
CVROCNegLimit	REAL	Float		Read/Write
HandFB	REAL	Float		Read/Write
HandFBFault	BOOL	Decimal		Read/Write
WindupHln	BOOL	Decimal		Read/Write
WindupLln	BOOL	Decimal		Read/Write
GainEUSpan	BOOL	Decimal		Read/Write
ProcessGainSign	BOOL	Decimal		Read/Write
ProcessType	DINT	Decimal		Read/Write
ModelGain	REAL	Float		Read/Write
ModelTC	REAL	Float		Read/Write
ModelDT	REAL	Float		Read/Write
RespTC	REAL	Float		Read/Write
PVTracking	BOOL	Decimal		Read/Write
CVTrackReq	BOOL	Decimal		Read/Write
AllowCasRat	BOOL	Decimal		Read/Write
ManualAfterInit	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgCasRatReq	BOOL	Decimal		Read/Write
ProgAutoReq	BOOL	Decimal		Read/Write
ProgManualReq	BOOL	Decimal		Read/Write
ProgOverrideReq	BOOL	Decimal		Read/Write
ProgHandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
OperOperReq	BOOL	Decimal		Read/Write
OperCasRatReq	BOOL	Decimal		Read/Write
OperAutoReq	BOOL	Decimal		Read/Write
OperManualReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
PVTuneLimit	REAL	Float		Read/Write
AtuneTimeLimit	REAL	Float		Read/Write
NoiseLevel	DINT	Decimal		Read/Write
CVStepSize	REAL	Float		Read/Write
ResponseSpeed	DINT	Decimal		Read/Write
ModelInit	BOOL	Decimal		Read/Write
Factor	REAL	Float		Read/Write
AtuneStart	BOOL	Decimal		Read/Write
AtuneUseModel	BOOL	Decimal		Read/Write
AtuneAbort	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
CVEU	REAL	Float		Read/Write
CV	REAL	Float		Read/Write
DeltaCV	REAL	Float		Read/Write
CVInitializing	BOOL	Decimal		Read/Write
CVHAlarm	BOOL	Decimal		Read/Write
CVLAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CVROCPosAlarm	BOOL	Decimal		Read/Write
CVROCNegAlarm	BOOL	Decimal		Read/Write
SP	REAL	Float		Read/Write
SPPercent	REAL	Float		Read/Write
SPHAlarm	BOOL	Decimal		Read/Write
SPLAlarm	BOOL	Decimal		Read/Write
PVPercent	REAL	Float		Read/Write
E	REAL	Float		Read/Write
EPercent	REAL	Float		Read/Write
InitPrimary	BOOL	Decimal		Read/Write
WindupHOut	BOOL	Decimal		Read/Write
WindupLOut	BOOL	Decimal		Read/Write
Ratio	REAL	Float		Read/Write
RatioHAlarm	BOOL	Decimal		Read/Write
RatioLAlarm	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
CasRat	BOOL	Decimal		Read/Write
Auto	BOOL	Decimal		Read/Write
Manual	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
Hand	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
StepSizeUsed	REAL	Float		Read/Write
GainTuned	REAL	Float		Read/Write
TCTuned	REAL	Float		Read/Write
DTTuned	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
RespTCTunedS	REAL	Float		Read/Write
RespTCTunedM	REAL	Float		Read/Write
RespTCTunedF	REAL	Float		Read/Write
AtuneOn	BOOL	Decimal		Read/Write
AtuneDone	BOOL	Decimal		Read/Write
AtuneAborted	BOOL	Decimal		Read/Write
AtuneStatus	DINT	Hex		Read/Write
AtuneFault	BOOL	Decimal		Read/Write
AtunePVOutOfLimit	BOOL	Decimal		Read/Write
AtuneModeInv	BOOL	Decimal		Read/Write
AtuneCVWindupFault	BOOL	Decimal		Read/Write
AtuneStepSize0	BOOL	Decimal		Read/Write
AtuneCVLimitsFault	BOOL	Decimal		Read/Write
AtuneCVInitFault	BOOL	Decimal		Read/Write
AtuneEUSpanChanged	BOOL	Decimal		Read/Write
AtuneCVChanged	BOOL	Decimal		Read/Write
AtuneTimeout	BOOL	Decimal		Read/Write
AtunePVNotSettled	BOOL	Decimal		Read/Write
Status1	DINT	Hex		Read/Write
Status2	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
PVFaulted	BOOL	Decimal		Read/Write
CVFaulted	BOOL	Decimal		Read/Write
HandFBFaulted	BOOL	Decimal		Read/Write
PVSpanInv	BOOL	Decimal		Read/Write
SPProgInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
SPOperInv	BOOL	Decimal		Read/Write
SPCascadeInv	BOOL	Decimal		Read/Write
SPLimitsInv	BOOL	Decimal		Read/Write
RatioLimitsInv	BOOL	Decimal		Read/Write
RatioProgInv	BOOL	Decimal		Read/Write
RatioOperInv	BOOL	Decimal		Read/Write
CVProgInv	BOOL	Decimal		Read/Write
CVOperInv	BOOL	Decimal		Read/Write
CVOverrideValueInv	BOOL	Decimal		Read/Write
CVTrackValueInv	BOOL	Decimal		Read/Write
CVEUSpanInv	BOOL	Decimal		Read/Write
CVLimitsInv	BOOL	Decimal		Read/Write
CVROCLimitInv	BOOL	Decimal		Read/Write
HandFBInv	BOOL	Decimal		Read/Write
SampleTimeTooSmall	BOOL	Decimal		Read/Write
FactorInv	BOOL	Decimal		Read/Write
ModelGainInv	BOOL	Decimal		Read/Write
ModelTCInv	BOOL	Decimal		Read/Write
ModelDTInv	BOOL	Decimal		Read/Write
RespTCInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: INTEGRATOR

Description:

Size: 88 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	REAL	Float		Read/Write
IGain	REAL	Float		Read/Write
HighLimit	REAL	Float		Read/Write
LowLimit	REAL	Float		Read/Write
HoldHigh	BOOL	Decimal		Read/Write
HoldLow	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
HighAlarm	BOOL	Decimal		Read/Write
LowAlarm	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
IGainInv	BOOL	Decimal		Read/Write
HighLowLimsInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTTimeStampInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: LEAD_LAG

Description:

Size: 132 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
Lead	REAL	Float		Read/Write
Lag	REAL	Float		Read/Write
Gain	REAL	Float		Read/Write
Bias	REAL	Float		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
LeadInv	BOOL	Decimal		Read/Write
LagInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: LEAD_LAG_SEC_ORDER

Description:

Size: 176 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
WLead	REAL	Float		Read/Write
WLag	REAL	Float		Read/Write
ZetaLead	REAL	Float		Read/Write
ZetaLag	REAL	Float		Read/Write
Order	DINT	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
WLeadInv	BOOL	Decimal		Read/Write
WLagInv	BOOL	Decimal		Read/Write
ZetaLeadInv	BOOL	Decimal		Read/Write
ZetaLagInv	BOOL	Decimal		Read/Write
OrderInv	BOOL	Decimal		Read/Write
WLagRatioInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
RTTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: LIGHT_CURTAIN

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ResetType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
MuteLightCurtain	BOOL	Decimal		Read/Write
CircuitReset	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
InputFilterTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CI	BOOL	Decimal		Read/Write
CRHO	BOOL	Decimal		Read/Write
LCB	BOOL	Decimal		Read/Write
LCM	BOOL	Decimal		Read/Write
II	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: MAIN_VALVE_CONTROL

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Actuate	BOOL	Decimal		Read/Write
FeedbackType	BOOL	Decimal		Read/Write
Feedback1	BOOL	Decimal		Read/Write
Feedback2	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
OutputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
FeedbackReactionTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
O2	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: MANUAL_VALVE_CONTROL

Description:

Size: 32 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
Keyswitch	BOOL	Decimal		Read/Write
Bottom	BOOL	Decimal		Read/Write
FlywheelStopped	BOOL	Decimal		Read/Write
SafetyEnable	BOOL	Decimal		Read/Write
Actuate	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
OutputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: MAXIMUM_CAPTURE

Description:

Size: 28 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Reset	BOOL	Decimal		Read/Write
ResetValue	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: MESSAGE

Description:

Size: 240 byte(s)

Name	Data Type	Style	Description	External Access
Flags	INT	Hex		Read/Write
EW	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
ST	BOOL	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
TO	BOOL	Decimal		Read/Write
EN_CC	BOOL	Decimal		Read/Write
ERR	INT	Hex		Read/Write
EXERR	DINT	Hex		Read/Write
ERR_SRC	SINT	Decimal		Read/Write
DN_LEN	INT	Decimal		Read/Write
REQ_LEN	INT	Decimal		Read/Write
DestinationLink	INT	Decimal		Read/Write
DestinationNode	INT	Octal		Read/Write
SourceLink	INT	Decimal		Read/Write
Class	INT	Hex		Read/Write
Attribute	INT	Hex		Read/Write
Instance	DINT	Decimal		Read/Write
LocalIndex	DINT	Decimal		Read/Write
Channel	SINT	ASCII		Read/Write
Rack	SINT	Octal		Read/Write
Group	SINT	Decimal		Read/Write
Slot	SINT	Decimal		Read/Write
 Path	STRING			Read/Write
RemoteIndex	DINT	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
RemoteElement	STRING			Read/Write
UnconnectedTimeout	DINT	Decimal		Read/Write
ConnectionRate	DINT	Decimal		Read/Write
TimeoutMultiplier	SINT	Decimal		Read/Write

Data type Name: MINIMUM_CAPTURE

Description:

Size: 28 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Reset	BOOL	Decimal		Read/Write
ResetValue	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: MMC

Description:

Size: 16388 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
PV1	REAL	Float		Read/Write
PV2	REAL	Float		Read/Write
PV1Fault	BOOL	Decimal		Read/Write
PV2Fault	BOOL	Decimal		Read/Write
PV1EUMax	REAL	Float		Read/Write
PV2EUMax	REAL	Float		Read/Write
PV1EUMin	REAL	Float		Read/Write
PV2EUMin	REAL	Float		Read/Write
SP1Prog	REAL	Float		Read/Write
SP2Prog	REAL	Float		Read/Write
SP1Oper	REAL	Float		Read/Write
SP2Oper	REAL	Float		Read/Write
SP1HLimit	REAL	Float		Read/Write
SP2HLimit	REAL	Float		Read/Write
SP1LLimit	REAL	Float		Read/Write
SP2LLimit	REAL	Float		Read/Write
CV1Fault	BOOL	Decimal		Read/Write
CV2Fault	BOOL	Decimal		Read/Write
CV3Fault	BOOL	Decimal		Read/Write
CV1InitReq	BOOL	Decimal		Read/Write
CV2InitReq	BOOL	Decimal		Read/Write
CV3InitReq	BOOL	Decimal		Read/Write
CV1InitValue	REAL	Float		Read/Write
CV2InitValue	REAL	Float		Read/Write
CV3InitValue	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV1Prog	REAL	Float		Read/Write
CV2Prog	REAL	Float		Read/Write
CV3Prog	REAL	Float		Read/Write
CV1Oper	REAL	Float		Read/Write
CV2Oper	REAL	Float		Read/Write
CV3Oper	REAL	Float		Read/Write
CV1OverrideValue	REAL	Float		Read/Write
CV2OverrideValue	REAL	Float		Read/Write
CV3OverrideValue	REAL	Float		Read/Write
CVManLimiting	BOOL	Decimal		Read/Write
CV1EUMax	REAL	Float		Read/Write
CV2EUMax	REAL	Float		Read/Write
CV3EUMax	REAL	Float		Read/Write
CV1EUMin	REAL	Float		Read/Write
CV2EUMin	REAL	Float		Read/Write
CV3EUMin	REAL	Float		Read/Write
CV1HLimit	REAL	Float		Read/Write
CV2HLimit	REAL	Float		Read/Write
CV3HLimit	REAL	Float		Read/Write
CV1LLimit	REAL	Float		Read/Write
CV2LLimit	REAL	Float		Read/Write
CV3LLimit	REAL	Float		Read/Write
CV1ROCPosLimit	REAL	Float		Read/Write
CV2ROCPosLimit	REAL	Float		Read/Write
CV3ROCPosLimit	REAL	Float		Read/Write
CV1ROCNegLimit	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV2ROCNegLimit	REAL	Float		Read/Write
CV3ROCNegLimit	REAL	Float		Read/Write
CV1HandFB	REAL	Float		Read/Write
CV2HandFB	REAL	Float		Read/Write
CV3HandFB	REAL	Float		Read/Write
CV1HandFBFault	BOOL	Decimal		Read/Write
CV2HandFBFault	BOOL	Decimal		Read/Write
CV3HandFBFault	BOOL	Decimal		Read/Write
CV1Target	REAL	Float		Read/Write
CV2Target	REAL	Float		Read/Write
CV3Target	REAL	Float		Read/Write
CV1WindupHIn	BOOL	Decimal		Read/Write
CV2WindupHIn	BOOL	Decimal		Read/Write
CV3WindupHIn	BOOL	Decimal		Read/Write
CV1WindupLIn	BOOL	Decimal		Read/Write
CV2WindupLIn	BOOL	Decimal		Read/Write
CV3WindupLIn	BOOL	Decimal		Read/Write
GainEUSpan	BOOL	Decimal		Read/Write
CV1PV1ProcessGainSign	BOOL	Decimal		Read/Write
CV2PV1ProcessGainSign	BOOL	Decimal		Read/Write
CV3PV1ProcessGainSign	BOOL	Decimal		Read/Write
CV1PV2ProcessGainSign	BOOL	Decimal		Read/Write
CV2PV2ProcessGainSign	BOOL	Decimal		Read/Write
CV3PV2ProcessGainSign	BOOL	Decimal		Read/Write
ProcessType	DINT	Decimal		Read/Write
CV1PV1ModelGain	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV2PV1ModelGain	REAL	Float		Read/Write
CV3PV1ModelGain	REAL	Float		Read/Write
CV1PV2ModelGain	REAL	Float		Read/Write
CV2PV2ModelGain	REAL	Float		Read/Write
CV3PV2ModelGain	REAL	Float		Read/Write
CV1PV1ModelTC	REAL	Float		Read/Write
CV2PV1ModelTC	REAL	Float		Read/Write
CV3PV1ModelTC	REAL	Float		Read/Write
CV1PV2ModelTC	REAL	Float		Read/Write
CV2PV2ModelTC	REAL	Float		Read/Write
CV3PV2ModelTC	REAL	Float		Read/Write
CV1PV1ModelDT	REAL	Float		Read/Write
CV2PV1ModelDT	REAL	Float		Read/Write
CV3PV1ModelDT	REAL	Float		Read/Write
CV1PV2ModelDT	REAL	Float		Read/Write
CV2PV2ModelDT	REAL	Float		Read/Write
CV3PV2ModelDT	REAL	Float		Read/Write
CV1PV1RespTC	REAL	Float		Read/Write
CV2PV1RespTC	REAL	Float		Read/Write
CV3PV1RespTC	REAL	Float		Read/Write
CV1PV2RespTC	REAL	Float		Read/Write
CV2PV2RespTC	REAL	Float		Read/Write
CV3PV2RespTC	REAL	Float		Read/Write
PV1Act1stCV	DINT	Decimal		Read/Write
PV1Act2ndCV	DINT	Decimal		Read/Write
PV1Act3rdCV	DINT	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PV2Act1stCV	DINT	Decimal		Read/Write
PV2Act2ndCV	DINT	Decimal		Read/Write
PV2Act3rdCV	DINT	Decimal		Read/Write
TargetCV	DINT	Decimal		Read/Write
TargetRespTC	REAL	Float		Read/Write
PVTracking	BOOL	Decimal		Read/Write
ManualAfterInit	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgCV1AutoReq	BOOL	Decimal		Read/Write
ProgCV2AutoReq	BOOL	Decimal		Read/Write
ProgCV3AutoReq	BOOL	Decimal		Read/Write
ProgCV1ManualReq	BOOL	Decimal		Read/Write
ProgCV2ManualReq	BOOL	Decimal		Read/Write
ProgCV3ManualReq	BOOL	Decimal		Read/Write
ProgCV1OverrideReq	BOOL	Decimal		Read/Write
ProgCV2OverrideReq	BOOL	Decimal		Read/Write
ProgCV3OverrideReq	BOOL	Decimal		Read/Write
ProgCV1HandReq	BOOL	Decimal		Read/Write
ProgCV2HandReq	BOOL	Decimal		Read/Write
ProgCV3HandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
OperCV1AutoReq	BOOL	Decimal		Read/Write
OperCV2AutoReq	BOOL	Decimal		Read/Write
OperCV3AutoReq	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
OperCV1ManualReq	BOOL	Decimal		Read/Write
OperCV2ManualReq	BOOL	Decimal		Read/Write
OperCV3ManualReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
PV1TuneLimit	REAL	Float		Read/Write
PV2TuneLimit	REAL	Float		Read/Write
PV1AtuneTimeLimit	REAL	Float		Read/Write
PV2AtuneTimeLimit	REAL	Float		Read/Write
PV1NoiseLevel	DINT	Decimal		Read/Write
PV2NoiseLevel	DINT	Decimal		Read/Write
CV1StepSize	REAL	Float		Read/Write
CV2StepSize	REAL	Float		Read/Write
CV3StepSize	REAL	Float		Read/Write
CV1PV1ResponseSpeed	DINT	Decimal		Read/Write
CV2PV1ResponseSpeed	DINT	Decimal		Read/Write
CV3PV1ResponseSpeed	DINT	Decimal		Read/Write
CV1PV2ResponseSpeed	DINT	Decimal		Read/Write
CV2PV2ResponseSpeed	DINT	Decimal		Read/Write
CV3PV2ResponseSpeed	DINT	Decimal		Read/Write
CV1PV1ModelInit	BOOL	Decimal		Read/Write
CV2PV1ModelInit	BOOL	Decimal		Read/Write
CV3PV1ModelInit	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV1PV2ModelInit	BOOL	Decimal		Read/Write
CV2PV2ModelInit	BOOL	Decimal		Read/Write
CV3PV2ModelInit	BOOL	Decimal		Read/Write
PV1Factor	REAL	Float		Read/Write
PV2Factor	REAL	Float		Read/Write
AtuneCV1Start	BOOL	Decimal		Read/Write
AtuneCV2Start	BOOL	Decimal		Read/Write
AtuneCV3Start	BOOL	Decimal		Read/Write
AtuneCV1PV1UseModel	BOOL	Decimal		Read/Write
AtuneCV2PV1UseModel	BOOL	Decimal		Read/Write
AtuneCV3PV1UseModel	BOOL	Decimal		Read/Write
AtuneCV1PV2UseModel	BOOL	Decimal		Read/Write
AtuneCV2PV2UseModel	BOOL	Decimal		Read/Write
AtuneCV3PV2UseModel	BOOL	Decimal		Read/Write
AtuneCV1Abort	BOOL	Decimal		Read/Write
AtuneCV2Abort	BOOL	Decimal		Read/Write
AtuneCV3Abort	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
CV1EU	REAL	Float		Read/Write
CV2EU	REAL	Float		Read/Write
CV3EU	REAL	Float		Read/Write
CV1	REAL	Float		Read/Write
CV2	REAL	Float		Read/Write
CV3	REAL	Float		Read/Write
CV1Initializing	BOOL	Decimal		Read/Write
CV2Initializing	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV3Initializing	BOOL	Decimal		Read/Write
CV1HAlarm	BOOL	Decimal		Read/Write
CV2HAlarm	BOOL	Decimal		Read/Write
CV3HAlarm	BOOL	Decimal		Read/Write
CV1LAlarm	BOOL	Decimal		Read/Write
CV2LAlarm	BOOL	Decimal		Read/Write
CV3LAlarm	BOOL	Decimal		Read/Write
CV1ROCPosAlarm	BOOL	Decimal		Read/Write
CV2ROCPosAlarm	BOOL	Decimal		Read/Write
CV3ROCPosAlarm	BOOL	Decimal		Read/Write
CV1ROCNegAlarm	BOOL	Decimal		Read/Write
CV2ROCNegAlarm	BOOL	Decimal		Read/Write
CV3ROCNegAlarm	BOOL	Decimal		Read/Write
SP1	REAL	Float		Read/Write
SP2	REAL	Float		Read/Write
SP1Percent	REAL	Float		Read/Write
SP2Percent	REAL	Float		Read/Write
SP1HAlarm	BOOL	Decimal		Read/Write
SP2HAlarm	BOOL	Decimal		Read/Write
SP1LAlarm	BOOL	Decimal		Read/Write
SP2LAlarm	BOOL	Decimal		Read/Write
PV1Percent	REAL	Float		Read/Write
PV2Percent	REAL	Float		Read/Write
E1	REAL	Float		Read/Write
E2	REAL	Float		Read/Write
E1Percent	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
E2Percent	REAL	Float		Read/Write
CV1WindupHOut	BOOL	Decimal		Read/Write
CV2WindupHOut	BOOL	Decimal		Read/Write
CV3WindupHOut	BOOL	Decimal		Read/Write
CV1WindupLOut	BOOL	Decimal		Read/Write
CV2WindupLOut	BOOL	Decimal		Read/Write
CV3WindupLOut	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
CV1Auto	BOOL	Decimal		Read/Write
CV2Auto	BOOL	Decimal		Read/Write
CV3Auto	BOOL	Decimal		Read/Write
CV1Manual	BOOL	Decimal		Read/Write
CV2Manual	BOOL	Decimal		Read/Write
CV3Manual	BOOL	Decimal		Read/Write
CV1Override	BOOL	Decimal		Read/Write
CV2Override	BOOL	Decimal		Read/Write
CV3Override	BOOL	Decimal		Read/Write
CV1Hand	BOOL	Decimal		Read/Write
CV2Hand	BOOL	Decimal		Read/Write
CV3Hand	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
CV1StepSizeUsed	REAL	Float		Read/Write
CV2StepSizeUsed	REAL	Float		Read/Write
CV3StepSizeUsed	REAL	Float		Read/Write
CV1PV1GainTuned	REAL	Float		Read/Write
CV2PV1GainTuned	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV3PV1GainTuned	REAL	Float		Read/Write
CV1PV2GainTuned	REAL	Float		Read/Write
CV2PV2GainTuned	REAL	Float		Read/Write
CV3PV2GainTuned	REAL	Float		Read/Write
CV1PV1TCTuned	REAL	Float		Read/Write
CV2PV1TCTuned	REAL	Float		Read/Write
CV3PV1TCTuned	REAL	Float		Read/Write
CV1PV2TCTuned	REAL	Float		Read/Write
CV2PV2TCTuned	REAL	Float		Read/Write
CV3PV2TCTuned	REAL	Float		Read/Write
CV1PV1DTTuned	REAL	Float		Read/Write
CV2PV1DTTuned	REAL	Float		Read/Write
CV3PV1DTTuned	REAL	Float		Read/Write
CV1PV2DTTuned	REAL	Float		Read/Write
CV2PV2DTTuned	REAL	Float		Read/Write
CV3PV2DTTuned	REAL	Float		Read/Write
CV1PV1RespTCTunedS	REAL	Float		Read/Write
CV2PV1RespTCTunedS	REAL	Float		Read/Write
CV3PV1RespTCTunedS	REAL	Float		Read/Write
CV1PV2RespTCTunedS	REAL	Float		Read/Write
CV2PV2RespTCTunedS	REAL	Float		Read/Write
CV3PV2RespTCTunedS	REAL	Float		Read/Write
CV1PV1RespTCTunedM	REAL	Float		Read/Write
CV2PV1RespTCTunedM	REAL	Float		Read/Write
CV3PV1RespTCTunedM	REAL	Float		Read/Write
CV1PV2RespTCTunedM	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CV2PV2RespTCTunedM	REAL	Float		Read/Write
CV3PV2RespTCTunedM	REAL	Float		Read/Write
CV1PV1RespTCTunedF	REAL	Float		Read/Write
CV2PV1RespTCTunedF	REAL	Float		Read/Write
CV3PV1RespTCTunedF	REAL	Float		Read/Write
CV1PV2RespTCTunedF	REAL	Float		Read/Write
CV2PV2RespTCTunedF	REAL	Float		Read/Write
CV3PV2RespTCTunedF	REAL	Float		Read/Write
AtuneCV1PV1On	BOOL	Decimal		Read/Write
AtuneCV2PV1On	BOOL	Decimal		Read/Write
AtuneCV3PV1On	BOOL	Decimal		Read/Write
AtuneCV1PV1Done	BOOL	Decimal		Read/Write
AtuneCV2PV1Done	BOOL	Decimal		Read/Write
AtuneCV3PV1Done	BOOL	Decimal		Read/Write
AtuneCV1PV1Aborted	BOOL	Decimal		Read/Write
AtuneCV2PV1Aborted	BOOL	Decimal		Read/Write
AtuneCV3PV1Aborted	BOOL	Decimal		Read/Write
AtuneCV1PV2On	BOOL	Decimal		Read/Write
AtuneCV2PV2On	BOOL	Decimal		Read/Write
AtuneCV3PV2On	BOOL	Decimal		Read/Write
AtuneCV1PV2Done	BOOL	Decimal		Read/Write
AtuneCV2PV2Done	BOOL	Decimal		Read/Write
AtuneCV3PV2Done	BOOL	Decimal		Read/Write
AtuneCV1PV2Aborted	BOOL	Decimal		Read/Write
AtuneCV2PV2Aborted	BOOL	Decimal		Read/Write
AtuneCV3PV2Aborted	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AtuneCV1PV1Status	DINT	Hex		Read/Write
AtuneCV2PV1Status	DINT	Hex		Read/Write
AtuneCV3PV1Status	DINT	Hex		Read/Write
AtuneCV1PV2Status	DINT	Hex		Read/Write
AtuneCV2PV2Status	DINT	Hex		Read/Write
AtuneCV3PV2Status	DINT	Hex		Read/Write
AtuneCV1PV1Fault	BOOL	Decimal		Read/Write
AtuneCV1PV1OutOfLimit	BOOL	Decimal		Read/Write
AtuneCV1PV1ModeInv	BOOL	Decimal		Read/Write
AtuneCV1PV1WindupFault	BOOL	Decimal		Read/Write
AtuneCV1PV1StepSize0	BOOL	Decimal		Read/Write
AtuneCV1PV1LimitsFault	BOOL	Decimal		Read/Write
AtuneCV1PV1InitFault	BOOL	Decimal		Read/Write
AtuneCV1PV1EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV1PV1Changed	BOOL	Decimal		Read/Write
AtuneCV1PV1Timeout	BOOL	Decimal		Read/Write
AtuneCV1PV1NotSettled	BOOL	Decimal		Read/Write
AtuneCV2PV1Fault	BOOL	Decimal		Read/Write
AtuneCV2PV1OutOfLimit	BOOL	Decimal		Read/Write
AtuneCV2PV1ModeInv	BOOL	Decimal		Read/Write
AtuneCV2PV1WindupFault	BOOL	Decimal		Read/Write
AtuneCV2PV1StepSize0	BOOL	Decimal		Read/Write
AtuneCV2PV1LimitsFault	BOOL	Decimal		Read/Write
AtuneCV2PV1InitFault	BOOL	Decimal		Read/Write
AtuneCV2PV1EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV2PV1Changed	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AtuneCV2PV1Timeout	BOOL	Decimal		Read/Write
AtuneCV2PV1NotSettled	BOOL	Decimal		Read/Write
AtuneCV3PV1Fault	BOOL	Decimal		Read/Write
AtuneCV3PV1OutOfLimit	BOOL	Decimal		Read/Write
AtuneCV3PV1ModeInv	BOOL	Decimal		Read/Write
AtuneCV3PV1WindupFault	BOOL	Decimal		Read/Write
AtuneCV3PV1StepSize0	BOOL	Decimal		Read/Write
AtuneCV3PV1LimitsFault	BOOL	Decimal		Read/Write
AtuneCV3PV1InitFault	BOOL	Decimal		Read/Write
AtuneCV3PV1EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV3PV1Changed	BOOL	Decimal		Read/Write
AtuneCV3PV1Timeout	BOOL	Decimal		Read/Write
AtuneCV3PV1NotSettled	BOOL	Decimal		Read/Write
AtuneCV1PV2Fault	BOOL	Decimal		Read/Write
AtuneCV1PV2OutOfLimit	BOOL	Decimal		Read/Write
AtuneCV1PV2ModeInv	BOOL	Decimal		Read/Write
AtuneCV1PV2WindupFault	BOOL	Decimal		Read/Write
AtuneCV1PV2StepSize0	BOOL	Decimal		Read/Write
AtuneCV1PV2LimitsFault	BOOL	Decimal		Read/Write
AtuneCV1PV2InitFault	BOOL	Decimal		Read/Write
AtuneCV1PV2EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV1PV2Changed	BOOL	Decimal		Read/Write
AtuneCV1PV2Timeout	BOOL	Decimal		Read/Write
AtuneCV1PV2NotSettled	BOOL	Decimal		Read/Write
AtuneCV2PV2Fault	BOOL	Decimal		Read/Write
AtuneCV2PV2OutOfLimit	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AtuneCV2PV2ModeInv	BOOL	Decimal		Read/Write
AtuneCV2PV2WindupFault	BOOL	Decimal		Read/Write
AtuneCV2PV2StepSize0	BOOL	Decimal		Read/Write
AtuneCV2PV2LimitsFault	BOOL	Decimal		Read/Write
AtuneCV2PV2InitFault	BOOL	Decimal		Read/Write
AtuneCV2PV2EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV2PV2Changed	BOOL	Decimal		Read/Write
AtuneCV2PV2Timeout	BOOL	Decimal		Read/Write
AtuneCV2PV2NotSettled	BOOL	Decimal		Read/Write
AtuneCV3PV2Fault	BOOL	Decimal		Read/Write
AtuneCV3PV2OutOfLimit	BOOL	Decimal		Read/Write
AtuneCV3PV2ModeInv	BOOL	Decimal		Read/Write
AtuneCV3PV2WindupFault	BOOL	Decimal		Read/Write
AtuneCV3PV2StepSize0	BOOL	Decimal		Read/Write
AtuneCV3PV2LimitsFault	BOOL	Decimal		Read/Write
AtuneCV3PV2InitFault	BOOL	Decimal		Read/Write
AtuneCV3PV2EUSpanChanged	BOOL	Decimal		Read/Write
AtuneCV3PV2Changed	BOOL	Decimal		Read/Write
AtuneCV3PV2Timeout	BOOL	Decimal		Read/Write
AtuneCV3PV2NotSettled	BOOL	Decimal		Read/Write
Status1	DINT	Hex		Read/Write
Status2	DINT	Hex		Read/Write
Status3CV1	DINT	Hex		Read/Write
Status3CV2	DINT	Hex		Read/Write
Status3CV3	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PV1Faulted	BOOL	Decimal		Read/Write
PV2Faulted	BOOL	Decimal		Read/Write
PV1SpanInv	BOOL	Decimal		Read/Write
PV2SpanInv	BOOL	Decimal		Read/Write
SP1ProgInv	BOOL	Decimal		Read/Write
SP2ProgInv	BOOL	Decimal		Read/Write
SP1OperInv	BOOL	Decimal		Read/Write
SP2OperInv	BOOL	Decimal		Read/Write
SP1LimitsInv	BOOL	Decimal		Read/Write
SP2LimitsInv	BOOL	Decimal		Read/Write
SampleTimeTooSmall	BOOL	Decimal		Read/Write
PV1FactorInv	BOOL	Decimal		Read/Write
PV2FactorInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write
CV1Faulted	BOOL	Decimal		Read/Write
CV1HandFBFaulted	BOOL	Decimal		Read/Write
CV1ProgInv	BOOL	Decimal		Read/Write
CV1OperInv	BOOL	Decimal		Read/Write
CV1OverrideValueInv	BOOL	Decimal		Read/Write
CV1EUSpanInv	BOOL	Decimal		Read/Write
CV1LimitsInv	BOOL	Decimal		Read/Write
CV1ROCLimitInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV1HandFBInv	BOOL	Decimal		Read/Write
CV1PV1ModelGainInv	BOOL	Decimal		Read/Write
CV1PV2ModelGainInv	BOOL	Decimal		Read/Write
CV1PV1ModelTCInv	BOOL	Decimal		Read/Write
CV1PV2ModelTCInv	BOOL	Decimal		Read/Write
CV1PV1ModelDTInv	BOOL	Decimal		Read/Write
CV1PV2ModelDTInv	BOOL	Decimal		Read/Write
CV1PV1RespTCInv	BOOL	Decimal		Read/Write
CV1PV2RespTCInv	BOOL	Decimal		Read/Write
CV1TargetInv	BOOL	Decimal		Read/Write
CV2Faulted	BOOL	Decimal		Read/Write
CV2HandFBFaulted	BOOL	Decimal		Read/Write
CV2ProgInv	BOOL	Decimal		Read/Write
CV2OperInv	BOOL	Decimal		Read/Write
CV2OverrideValueInv	BOOL	Decimal		Read/Write
CV2EUSpanInv	BOOL	Decimal		Read/Write
CV2LimitsInv	BOOL	Decimal		Read/Write
CV2ROCLimitInv	BOOL	Decimal		Read/Write
CV2HandFBInv	BOOL	Decimal		Read/Write
CV2PV1ModelGainInv	BOOL	Decimal		Read/Write
CV2PV2ModelGainInv	BOOL	Decimal		Read/Write
CV2PV1ModelTCInv	BOOL	Decimal		Read/Write
CV2PV2ModelTCInv	BOOL	Decimal		Read/Write
CV2PV1ModelDTInv	BOOL	Decimal		Read/Write
CV2PV2ModelDTInv	BOOL	Decimal		Read/Write
CV2PV1RespTCInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CV2PV2RespTCInv	BOOL	Decimal		Read/Write
CV2TargetInv	BOOL	Decimal		Read/Write
CV3Faulted	BOOL	Decimal		Read/Write
CV3HandFBFaulted	BOOL	Decimal		Read/Write
CV3ProgInv	BOOL	Decimal		Read/Write
CV3OperInv	BOOL	Decimal		Read/Write
CV3OverrideValueInv	BOOL	Decimal		Read/Write
CV3EUSpanInv	BOOL	Decimal		Read/Write
CV3LimitsInv	BOOL	Decimal		Read/Write
CV3ROCLimitInv	BOOL	Decimal		Read/Write
CV3HandFBInv	BOOL	Decimal		Read/Write
CV3PV1ModelGainInv	BOOL	Decimal		Read/Write
CV3PV2ModelGainInv	BOOL	Decimal		Read/Write
CV3PV1ModelTCInv	BOOL	Decimal		Read/Write
CV3PV2ModelTCInv	BOOL	Decimal		Read/Write
CV3PV1ModelDTInv	BOOL	Decimal		Read/Write
CV3PV2ModelDTInv	BOOL	Decimal		Read/Write
CV3PV1RespTCInv	BOOL	Decimal		Read/Write
CV3PV2RespTCInv	BOOL	Decimal		Read/Write
CV3TargetInv	BOOL	Decimal		Read/Write

Data type Name: MOTION_GROUP

Description:

Size: 60 byte(s)

Name	Data Type	Style	Description	External Access
GroupStatus	DINT	Hex		Read/Write
InhibStatus	BOOL	Decimal		Read/Write
GroupSynced	BOOL	Decimal		Read/Write
AxisInhibitStatus	BOOL	Decimal		Read/Write
GroupFault	DINT	Hex		Read/Write
GroupOverlapFault	BOOL	Decimal		Read/Write
CSTLossFault	BOOL	Decimal		Read/Write
GroupTaskLoadingFault	BOOL	Decimal		Read/Write
AxisFault	DINT	Hex		Read/Write
PhysicalAxisFault	BOOL	Decimal		Read/Write
ModuleFault	BOOL	Decimal		Read/Write
ConfigFault	BOOL	Decimal		Read/Write

Data type Name: MOTION_INSTRUCTION

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
FLAGS	DINT	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
PC	BOOL	Decimal		Read/Write
IP	BOOL	Decimal		Read/Write
AC	BOOL	Decimal		Read/Write
ACCEL	BOOL	Decimal		Read/Write
DECEL	BOOL	Decimal		Read/Write
ERR	INT	Decimal		Read/Write
STATUS	SINT	Decimal		Read/Write
STATE	SINT	Decimal		Read/Write
SEGMENT	DINT	Decimal		Read/Write
EXERR	SINT	Decimal		Read/Write

Data type Name: MOVING_AVERAGE

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InFault	BOOL	Decimal		Read/Write
Initialize	BOOL	Decimal		Read/Write
SampleEnable	BOOL	Decimal		Read/Write
NumberOfSamples	DINT	Decimal		Read/Write
UseWeights	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
NumberOfSampInv	BOOL	Decimal		Read/Write

Data type Name: MOVING_STD_DEV

Description:

Size: 60 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InFault	BOOL	Decimal		Read/Write
Initialize	BOOL	Decimal		Read/Write
SampleEnable	BOOL	Decimal		Read/Write
NumberOfSamples	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Average	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
NumberOfSampInv	BOOL	Decimal		Read/Write

Data type Name: MULTIPLEXER

Description:

Size: 60 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	REAL	Float		Read/Write
In2	REAL	Float		Read/Write
In3	REAL	Float		Read/Write
In4	REAL	Float		Read/Write
In5	REAL	Float		Read/Write
In6	REAL	Float		Read/Write
In7	REAL	Float		Read/Write
In8	REAL	Float		Read/Write
Selector	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
SelectorInv	BOOL	Decimal		Read/Write

Data type Name: MUTING_FOUR_SENSOR_BIDIR

Description:

Size: 104 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
LightCurtain	BOOL	Decimal		Read/Write
Sensor1	BOOL	Decimal		Read/Write
Sensor2	BOOL	Decimal		Read/Write
Sensor3	BOOL	Decimal		Read/Write
Sensor4	BOOL	Decimal		Read/Write
EnableMute	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
MutingLampStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
Direction	BOOL	Decimal		Read/Write
S1S2Time	DINT	Decimal		Read/Write
S2LCTime	DINT	Decimal		Read/Write
LCS3Time	DINT	Decimal		Read/Write
S3S4Time	DINT	Decimal		Read/Write
MaximumMuteTime	DINT	Decimal		Read/Write
MaximumOverrideTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
ML	BOOL	Decimal		Read/Write
CA	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: MUTING_TWO_SENSOR_ASYM

Description:

Size: 104 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
LightCurtain	BOOL	Decimal		Read/Write
Sensor1	BOOL	Decimal		Read/Write
Sensor2	BOOL	Decimal		Read/Write
Reserved1	BOOL	Decimal		Read/Write
Reserved2	BOOL	Decimal		Read/Write
EnableMute	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
MutingLampStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
S1S2Time	DINT	Decimal		Read/Write
S2LCTime	DINT	Decimal		Read/Write
Reserved3	DINT	Decimal		Read/Write
Reserved4	DINT	Decimal		Read/Write
MaximumMuteTime	DINT	Decimal		Read/Write
MaximumOverrideTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
ML	BOOL	Decimal		Read/Write
CA	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: MUTING_TWO_SENSOR_SYM

Description:

Size: 104 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
LightCurtain	BOOL	Decimal		Read/Write
Sensor1	BOOL	Decimal		Read/Write
Sensor2	BOOL	Decimal		Read/Write
Reserved1	BOOL	Decimal		Read/Write
Reserved2	BOOL	Decimal		Read/Write
EnableMute	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
MutingLampStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
S1S2DiscrepancyTime	DINT	Decimal		Read/Write
S1S2LCMinimumTime	DINT	Decimal		Read/Write
S1S2LCMaximumTime	DINT	Decimal		Read/Write
Reserved3	DINT	Decimal		Read/Write
MaximumMuteTime	DINT	Decimal		Read/Write
MaximumOverrideTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
ML	BOOL	Decimal		Read/Write
CA	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: OUTPUT_CAM

Description:

Size: 32 byte(s)

Name	Data Type	Style	Description	External Access
OutputBit	DINT	Decimal		Read/Write
LatchType	DINT	Decimal		Read/Write
UnlatchType	DINT	Decimal		Read/Write
Left	REAL	Float		Read/Write
Right	REAL	Float		Read/Write
Duration	REAL	Float		Read/Write
EnableType	DINT	Decimal		Read/Write
EnableBit	DINT	Decimal		Read/Write

Data type Name: OUTPUT_COMPENSATION

Description:

Size: 24 byte(s)

Name	Data Type	Style	Description	External Access
Offset	REAL	Float		Read/Write
LatchDelay	REAL	Float		Read/Write
UnlatchDelay	REAL	Float		Read/Write
Mode	DINT	Decimal		Read/Write
CycleTime	REAL	Float		Read/Write
DutyCycle	REAL	Float		Read/Write

Data type Name: PHASE

Description:

Size: 32 byte(s)

Name	Data Type	Style	Description	External Access
State	DINT	Decimal		Read/Write
Running	BOOL	Decimal		Read/Write
Holding	BOOL	Decimal		Read/Write
Restarting	BOOL	Decimal		Read/Write
Stopping	BOOL	Decimal		Read/Write
Aborting	BOOL	Decimal		Read/Write
Resetting	BOOL	Decimal		Read/Write
Idle	BOOL	Decimal		Read/Write
Held	BOOL	Decimal		Read/Write
Complete	BOOL	Decimal		Read/Write
Stopped	BOOL	Decimal		Read/Write
Aborted	BOOL	Decimal		Read/Write
Substate	DINT	Decimal		Read/Write
Pausing	BOOL	Decimal		Read/Write
Paused	BOOL	Decimal		Read/Write
AutoPause	BOOL	Decimal		Read/Write
StepIndex	DINT	Decimal		Read/Write
Failure	DINT	Decimal		Read/Write
UnitID	DINT	Decimal		Read/Write
Owner	DINT	Hex		Read/Write
PendingRequest	DINT	Decimal		Read/Write
DownloadInputParameters	BOOL	Decimal		Read/Write
DownloadInputParametersSubset	BOOL	Decimal		Read/Write
UploadOutputParameters	BOOL	Decimal		Read/Write
UploadOutputParametersSubset	BOOL	Decimal		Read/Write
DownloadOutputParameterLimits	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
AcquireResources	BOOL	Decimal		Read/Write
ReleaseResources	BOOL	Decimal		Read/Write
SendMessageToLinkedPhase	BOOL	Decimal		Read/Write
SendMessageToLinkedPhaseAndWait	BOOL	Decimal		Read/Write
ReceiveMessageFromLinkedPhase	BOOL	Decimal		Read/Write
CancelMessageToLinkedPhase	BOOL	Decimal		Read/Write
SendMessageToOperator	BOOL	Decimal		Read/Write
ClearMessageToOperator	BOOL	Decimal		Read/Write
GenerateESignature	BOOL	Decimal		Read/Write
DownloadBatchData	BOOL	Decimal		Read/Write
DownloadMaterialTrackDataContainerInUse	BOOL	Decimal		Read/Write
DownloadContainerBindingPriority	BOOL	Decimal		Read/Write
DownloadSufficientMaterial	BOOL	Decimal		Read/Write
DownloadMaterialTrackDatabaseData	BOOL	Decimal		Read/Write
UploadMaterialTrackDataContainerInUse	BOOL	Decimal		Read/Write
UploadContainerBindingPriority	BOOL	Decimal		Read/Write
UploadMaterialTrackDatabaseData	BOOL	Decimal		Read/Write
AbortingRequest	BOOL	Decimal		Read/Write
NewInputParameters	BOOL	Decimal		Read/Write
Producing	BOOL	Decimal		Read/Write
Standby	BOOL	Decimal		Read/Write

Data type Name: PHASE_INSTRUCTION

Description:

Size: 8 byte(s)

Name	Data Type	Style	Description	External Access
Status	DINT	Hex		Read/Write
EN	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
PC	BOOL	Decimal		Read/Write
IP	BOOL	Decimal		Read/Write
WA	BOOL	Decimal		Read/Write
ABORT	BOOL	Decimal		Read/Write
ERR	INT	Hex		Read/Write
EXERR	INT	Hex		Read/Write

Data type Name: PID

Description:

Size: 184 byte(s)

Name	Data Type	Style	Description	External Access
CTL	DINT	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
CT	BOOL	Decimal		Read/Write
CL	BOOL	Decimal		Read/Write
PVT	BOOL	Decimal		Read/Write
DOE	BOOL	Decimal		Read/Write
SWM	BOOL	Decimal		Read/Write
CA	BOOL	Decimal		Read/Write
MO	BOOL	Decimal		Read/Write
PE	BOOL	Decimal		Read/Write
NDF	BOOL	Decimal		Read/Write
NOBC	BOOL	Decimal		Read/Write
NOZC	BOOL	Decimal		Read/Write
INI	BOOL	Decimal		Read/Write
SPOR	BOOL	Decimal		Read/Write
OLL	BOOL	Decimal		Read/Write
OLH	BOOL	Decimal		Read/Write
EWD	BOOL	Decimal		Read/Write
DVNA	BOOL	Decimal		Read/Write
DVPA	BOOL	Decimal		Read/Write
PVLA	BOOL	Decimal		Read/Write
PVHA	BOOL	Decimal		Read/Write
SP	REAL	Float		Read/Write
KP	REAL	Float		Read/Write
KI	REAL	Float		Read/Write
KD	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
BIAS	REAL	Float		Read/Write
MAXS	REAL	Float		Read/Write
MINS	REAL	Float		Read/Write
DB	REAL	Float		Read/Write
SO	REAL	Float		Read/Write
MAXO	REAL	Float		Read/Write
MINO	REAL	Float		Read/Write
UPD	REAL	Float		Read/Write
PV	REAL	Float		Read/Write
ERR	REAL	Float		Read/Write
OUT	REAL	Float		Read/Write
PVH	REAL	Float		Read/Write
PVL	REAL	Float		Read/Write
DVP	REAL	Float		Read/Write
DVN	REAL	Float		Read/Write
PVDB	REAL	Float		Read/Write
DVDB	REAL	Float		Read/Write
MAXI	REAL	Float		Read/Write
MINI	REAL	Float		Read/Write
TIE	REAL	Float		Read/Write
MAXCV	REAL	Float		Read/Write
MINCV	REAL	Float		Read/Write
MINTIE	REAL	Float		Read/Write
MAXTIE	REAL	Float		Read/Write
DATA	REAL[17]	Float		Read/Write

Data type Name: PIDE_AUTOTUNE

Description:

Size: 972 byte(s)

Name	Data Type	Style	Description	External Access
ProcessType	DINT	Decimal		Read/Write
ResponseSpeed	DINT	Decimal		Read/Write
TestLength	REAL	Float		Read/Write
PVTuneLimit	REAL	Float		Read/Write
StepSize	REAL	Float		Read/Write
TunedGood	BOOL	Decimal		Read/Write
TunedUncertain	BOOL	Decimal		Read/Write
ATuneAcquired	BOOL	Decimal		Read/Write
UsedProcessType	DINT	Decimal		Read/Write
Gain	REAL	Float		Read/Write
TimeConstant	REAL	Float		Read/Write
DeadTime	REAL	Float		Read/Write
PGainTunedFast	REAL	Float		Read/Write
IGainTunedFast	REAL	Float		Read/Write
DGainTunedFast	REAL	Float		Read/Write
PGainTunedMed	REAL	Float		Read/Write
IGainTunedMed	REAL	Float		Read/Write
DGainTunedMed	REAL	Float		Read/Write
PGainTunedSlow	REAL	Float		Read/Write
IGainTunedSlow	REAL	Float		Read/Write
DGainTunedSlow	REAL	Float		Read/Write
StepSizeUsed	REAL	Float		Read/Write
AtuneStatus	DINT	Hex		Read/Write
ATuneFault	BOOL	Decimal		Read/Write
PVOutOfLimit	BOOL	Decimal		Read/Write
ModeInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
CVWindupFault	BOOL	Decimal		Read/Write
StepSizeZero	BOOL	Decimal		Read/Write
CVLimitsFault	BOOL	Decimal		Read/Write
CVInitFault	BOOL	Decimal		Read/Write
EUSpanChanged	BOOL	Decimal		Read/Write
CVChanged	BOOL	Decimal		Read/Write
ATuneTimedOut	BOOL	Decimal		Read/Write
PVNotSettled	BOOL	Decimal		Read/Write
PVChangeTooSmall	BOOL	Decimal		Read/Write
StepSizeTooSmall	BOOL	Decimal		Read/Write
GainTooLarge	BOOL	Decimal		Read/Write
GainTooSmall	BOOL	Decimal		Read/Write
LongDeadTime	BOOL	Decimal		Read/Write

Data type Name: PID_ENHANCED

Description:

Size: 400 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
PV	REAL	Float		Read/Write
PVFault	BOOL	Decimal		Read/Write
PVEUMax	REAL	Float		Read/Write
PVEUMin	REAL	Float		Read/Write
SPProg	REAL	Float		Read/Write
SPOper	REAL	Float		Read/Write
SPCascade	REAL	Float		Read/Write
SPHLimit	REAL	Float		Read/Write
SPLLimit	REAL	Float		Read/Write
UseRatio	BOOL	Decimal		Read/Write
RatioProg	REAL	Float		Read/Write
RatioOper	REAL	Float		Read/Write
RatioHLimit	REAL	Float		Read/Write
RatioLLimit	REAL	Float		Read/Write
CVFault	BOOL	Decimal		Read/Write
CVInitReq	BOOL	Decimal		Read/Write
CVInitValue	REAL	Float		Read/Write
CVProg	REAL	Float		Read/Write
CVOper	REAL	Float		Read/Write
CVOverride	REAL	Float		Read/Write
CVPrevious	REAL	Float		Read/Write
CVSetPrevious	BOOL	Decimal		Read/Write
CVManLimiting	BOOL	Decimal		Read/Write
CVEUMax	REAL	Float		Read/Write
CVEUMin	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
CVHLimit	REAL	Float		Read/Write
CVLLimit	REAL	Float		Read/Write
CVROCLimit	REAL	Float		Read/Write
FF	REAL	Float		Read/Write
FFPrevious	REAL	Float		Read/Write
FFSetPrevious	BOOL	Decimal		Read/Write
HandFB	REAL	Float		Read/Write
HandFBFault	BOOL	Decimal		Read/Write
WindupHIn	BOOL	Decimal		Read/Write
WindupLIn	BOOL	Decimal		Read/Write
ControlAction	BOOL	Decimal		Read/Write
DependIndepend	BOOL	Decimal		Read/Write
PGain	REAL	Float		Read/Write
IGain	REAL	Float		Read/Write
DGain	REAL	Float		Read/Write
PVEProportional	BOOL	Decimal		Read/Write
PVEDerivative	BOOL	Decimal		Read/Write
DSmoothing	BOOL	Decimal		Read/Write
PVTracking	BOOL	Decimal		Read/Write
ZCDeadband	REAL	Float		Read/Write
ZCOff	BOOL	Decimal		Read/Write
PVHHLimit	REAL	Float		Read/Write
PVHLimit	REAL	Float		Read/Write
PVLLimit	REAL	Float		Read/Write
PVLLLlimit	REAL	Float		Read/Write
PVDeadband	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
PVROCPoSLimit	REAL	Float		Read/Write
PVROCNegLimit	REAL	Float		Read/Write
PVROCPeriod	REAL	Float		Read/Write
DevHHLimit	REAL	Float		Read/Write
DevHLimit	REAL	Float		Read/Write
DevLLimit	REAL	Float		Read/Write
DevLLLlimit	REAL	Float		Read/Write
DevDeadband	REAL	Float		Read/Write
AllowCasRat	BOOL	Decimal		Read/Write
ManualAfterInit	BOOL	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgCasRatReq	BOOL	Decimal		Read/Write
ProgAutoReq	BOOL	Decimal		Read/Write
ProgManualReq	BOOL	Decimal		Read/Write
ProgOverrideReq	BOOL	Decimal		Read/Write
ProgHandReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
OperCasRatReq	BOOL	Decimal		Read/Write
OperAutoReq	BOOL	Decimal		Read/Write
OperManualReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
RTTimeStamp	DINT	Decimal		Read/Write
AtuneAcquire	BOOL	Decimal		Read/Write
AtuneStart	BOOL	Decimal		Read/Write
AtuneUseGains	BOOL	Decimal		Read/Write
AtuneAbort	BOOL	Decimal		Read/Write
AtuneUnacquire	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
CVEU	REAL	Float		Read/Write
CV	REAL	Float		Read/Write
CVInitializing	BOOL	Decimal		Read/Write
CVHAlarm	BOOL	Decimal		Read/Write
CVLAlarm	BOOL	Decimal		Read/Write
CVROCAAlarm	BOOL	Decimal		Read/Write
SP	REAL	Float		Read/Write
SPPercent	REAL	Float		Read/Write
SPHAlarm	BOOL	Decimal		Read/Write
SPLAlarm	BOOL	Decimal		Read/Write
PVPercent	REAL	Float		Read/Write
E	REAL	Float		Read/Write
EPercent	REAL	Float		Read/Write
InitPrimary	BOOL	Decimal		Read/Write
WindupHOut	BOOL	Decimal		Read/Write
WindupLOut	BOOL	Decimal		Read/Write
Ratio	REAL	Float		Read/Write
RatioHAlarm	BOOL	Decimal		Read/Write
RatioLAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ZCDeadbandOn	BOOL	Decimal		Read/Write
PVHHAlarm	BOOL	Decimal		Read/Write
PVHAlarm	BOOL	Decimal		Read/Write
PVLAlarm	BOOL	Decimal		Read/Write
PVLLAlarm	BOOL	Decimal		Read/Write
PVROCPosAlarm	BOOL	Decimal		Read/Write
PVROCNegAlarm	BOOL	Decimal		Read/Write
DevHHAlarm	BOOL	Decimal		Read/Write
DevHAlarm	BOOL	Decimal		Read/Write
DevLAlarm	BOOL	Decimal		Read/Write
DevLLAlarm	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
CasRat	BOOL	Decimal		Read/Write
Auto	BOOL	Decimal		Read/Write
Manual	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
Hand	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
AtuneReady	BOOL	Decimal		Read/Write
AtuneOn	BOOL	Decimal		Read/Write
AtuneDone	BOOL	Decimal		Read/Write
AtuneAborted	BOOL	Decimal		Read/Write
AtuneBusy	BOOL	Decimal		Read/Write
Status1	DINT	Hex		Read/Write
Status2	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PVFaulted	BOOL	Decimal		Read/Write
CVFaulted	BOOL	Decimal		Read/Write
HandFBFaulted	BOOL	Decimal		Read/Write
PVSpanInv	BOOL	Decimal		Read/Write
SPProgInv	BOOL	Decimal		Read/Write
SPOperInv	BOOL	Decimal		Read/Write
SPCascadeInv	BOOL	Decimal		Read/Write
SPLimitsInv	BOOL	Decimal		Read/Write
RatioProgInv	BOOL	Decimal		Read/Write
RatioOperInv	BOOL	Decimal		Read/Write
RatioLimitsInv	BOOL	Decimal		Read/Write
CVProgInv	BOOL	Decimal		Read/Write
CVOperInv	BOOL	Decimal		Read/Write
CVOverrideInv	BOOL	Decimal		Read/Write
CVPreviousInv	BOOL	Decimal		Read/Write
CVEUSpanInv	BOOL	Decimal		Read/Write
CVLimitsInv	BOOL	Decimal		Read/Write
CVROCLimitInv	BOOL	Decimal		Read/Write
FFInv	BOOL	Decimal		Read/Write
FFPreviousInv	BOOL	Decimal		Read/Write
HandFBInv	BOOL	Decimal		Read/Write
PGainInv	BOOL	Decimal		Read/Write
IGainInv	BOOL	Decimal		Read/Write
DGainInv	BOOL	Decimal		Read/Write
ZCDeadbandInv	BOOL	Decimal		Read/Write
PVDeadbandInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
PVROCLimitsInv	BOOL	Decimal		Read/Write
DevHLLimitsInv	BOOL	Decimal		Read/Write
DevDeadbandInv	BOOL	Decimal		Read/Write
AtuneDataInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: POSITION_PROP

Description:

Size: 124 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
SP	REAL	Float		Read/Write
Position	REAL	Float		Read/Write
OpenedFB	BOOL	Decimal		Read/Write
ClosedFB	BOOL	Decimal		Read/Write
PositionEUMax	REAL	Float		Read/Write
PositionEUMin	REAL	Float		Read/Write
CycleTime	REAL	Float		Read/Write
OpenRate	REAL	Float		Read/Write
CloseRate	REAL	Float		Read/Write
MaxOnTime	REAL	Float		Read/Write
MinOnTime	REAL	Float		Read/Write
Deadtime	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
OpenOut	BOOL	Decimal		Read/Write
CloseOut	BOOL	Decimal		Read/Write
PositionPercent	REAL	Float		Read/Write
SPPercent	REAL	Float		Read/Write
OpenTime	REAL	Float		Read/Write
CloseTime	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
CycleTimeInv	BOOL	Decimal		Read/Write
OpenRateInv	BOOL	Decimal		Read/Write
CloseRateInv	BOOL	Decimal		Read/Write
MaxOnTimeInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
MinOnTimeInv	BOOL	Decimal		Read/Write
DeadtimeInv	BOOL	Decimal		Read/Write
PositionPctInv	BOOL	Decimal		Read/Write
SPPercentInv	BOOL	Decimal		Read/Write
PositionSpanInv	BOOL	Decimal		Read/Write

Data type Name: PROP_INT

Description:

Size: 136 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	REAL	Float		Read/Write
Kp	REAL	Float		Read/Write
Wld	REAL	Float		Read/Write
HighLimit	REAL	Float		Read/Write
LowLimit	REAL	Float		Read/Write
HoldHigh	BOOL	Decimal		Read/Write
HoldLow	BOOL	Decimal		Read/Write
ShapeKpPlus	REAL	Float		Read/Write
ShapeKpMinus	REAL	Float		Read/Write
KpInRange	REAL	Float		Read/Write
ShapeWldPlus	REAL	Float		Read/Write
ShapeWldMinus	REAL	Float		Read/Write
WldInRange	REAL	Float		Read/Write
NonLinearMode	BOOL	Decimal		Read/Write
ParabolicLinear	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampledDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
HighAlarm	BOOL	Decimal		Read/Write
LowAlarm	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
KpInv	BOOL	Decimal		Read/Write
WldInv	BOOL	Decimal		Read/Write
HighLowLimsInv	BOOL	Decimal		Read/Write
ShapeKpPlusInv	BOOL	Decimal		Read/Write
ShapeKpMinusInv	BOOL	Decimal		Read/Write
KpInRangeInv	BOOL	Decimal		Read/Write
ShapeWldPlusInv	BOOL	Decimal		Read/Write
ShapeWldMinusInv	BOOL	Decimal		Read/Write
WldInRangeInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: PULSE_MULTIPLIER

Description:

Size: 48 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	DINT	Decimal		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	DINT	Decimal		Read/Write
Mode	BOOL	Decimal		Read/Write
WordSize	DINT	Decimal		Read/Write
Multiplier	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
WordSizeInv	BOOL	Decimal		Read/Write
OutOverflow	BOOL	Decimal		Read/Write
LostPrecision	BOOL	Decimal		Read/Write
MultiplierInv	BOOL	Decimal		Read/Write

Data type Name: RAMP_SOAK

Description:

Size: 108 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
PV	REAL	Float		Read/Write
PVFault	BOOL	Decimal		Read/Write
NumberOfSegs	DINT	Decimal		Read/Write
ManHoldAftInit	BOOL	Decimal		Read/Write
CyclicSingle	BOOL	Decimal		Read/Write
TimeRate	BOOL	Decimal		Read/Write
GuarRamp	BOOL	Decimal		Read/Write
RampDeadband	REAL	Float		Read/Write
GuarSoak	BOOL	Decimal		Read/Write
SoakDeadband	REAL	Float		Read/Write
CurrentSegProg	DINT	Decimal		Read/Write
OutProg	REAL	Float		Read/Write
SoakTimeProg	REAL	Float		Read/Write
CurrentSegOper	DINT	Decimal		Read/Write
OutOper	REAL	Float		Read/Write
SoakTimeOper	REAL	Float		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgAutoReq	BOOL	Decimal		Read/Write
ProgManualReq	BOOL	Decimal		Read/Write
ProgHoldReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
OperAutoReq	BOOL	Decimal		Read/Write
OperManualReq	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
Initialize	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
CurrentSeg	DINT	Decimal		Read/Write
SoakTimeLeft	REAL	Float		Read/Write
GuarRampOn	BOOL	Decimal		Read/Write
GuarSoakOn	BOOL	Decimal		Read/Write
ProgOper	BOOL	Decimal		Read/Write
Auto	BOOL	Decimal		Read/Write
Manual	BOOL	Decimal		Read/Write
Hold	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
PVFaulted	BOOL	Decimal		Read/Write
NumberOfSegsInv	BOOL	Decimal		Read/Write
RampDeadbandInv	BOOL	Decimal		Read/Write
SoakDeadbandInv	BOOL	Decimal		Read/Write
CurrSegProgInv	BOOL	Decimal		Read/Write
SoakTimeProgInv	BOOL	Decimal		Read/Write
CurrSegOperInv	BOOL	Decimal		Read/Write
SoakTimeOperInv	BOOL	Decimal		Read/Write
RampValueInv	BOOL	Decimal		Read/Write
SoakTimeInv	BOOL	Decimal		Read/Write

Data type Name: RATE_LIMITER

Description:

Size: 96 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
IncRate	REAL	Float		Read/Write
DecRate	REAL	Float		Read/Write
ByPass	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
IncRateInv	BOOL	Decimal		Read/Write
DecRateInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: REDUNDANT_INPUT

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ResetType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
CircuitReset	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
CI	BOOL	Decimal		Read/Write
CRHO	BOOL	Decimal		Read/Write
II	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: REDUNDANT_OUTPUT

Description:

Size: 36 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
FeedbackType	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
Feedback1	BOOL	Decimal		Read/Write
Feedback2	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
O2	BOOL	Decimal		Read/Write
O1FF	BOOL	Decimal		Read/Write
O2FF	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: SAFETY_MAT

Description:

Size: 44 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
RestartType	BOOL	Decimal		Read/Write
ChannelA	BOOL	Decimal		Read/Write
ChannelB	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
ShortCircuitDetectDelayTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
SRCA	BOOL	Decimal		Read/Write
SRCB	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: SCALE

Description:

Size: 52 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InRawMax	REAL	Float		Read/Write
InRawMin	REAL	Float		Read/Write
InEUMax	REAL	Float		Read/Write
InEUMin	REAL	Float		Read/Write
Limiting	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
MaxAlarm	BOOL	Decimal		Read/Write
MinAlarm	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InRawRangeInv	BOOL	Decimal		Read/Write

Data type Name: SEC_ORDER_CONTROLLER

Description:

Size: 176 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	REAL	Float		Read/Write
Gain	REAL	Float		Read/Write
WLag	REAL	Float		Read/Write
WLead	REAL	Float		Read/Write
ZetaLead	REAL	Float		Read/Write
HighLimit	REAL	Float		Read/Write
LowLimit	REAL	Float		Read/Write
HoldHigh	BOOL	Decimal		Read/Write
HoldLow	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
HighAlarm	BOOL	Decimal		Read/Write
LowAlarm	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
GainInv	BOOL	Decimal		Read/Write
WLagInv	BOOL	Decimal		Read/Write
WLeadInv	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ZetaLeadInv	BOOL	Decimal		Read/Write
HighLowLimsInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: SELECT

Description:

Size: 24 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	REAL	Float		Read/Write
In2	REAL	Float		Read/Write
SelectorIn	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: SELECTABLE_NEGATE

Description:

Size: 20 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
NegateEnable	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: SELECTED_SUMMER

Description:

Size: 84 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	REAL	Float		Read/Write
Gain1	REAL	Float		Read/Write
Select1	BOOL	Decimal		Read/Write
In2	REAL	Float		Read/Write
Gain2	REAL	Float		Read/Write
Select2	BOOL	Decimal		Read/Write
In3	REAL	Float		Read/Write
Gain3	REAL	Float		Read/Write
Select3	BOOL	Decimal		Read/Write
In4	REAL	Float		Read/Write
Gain4	REAL	Float		Read/Write
Select4	BOOL	Decimal		Read/Write
In5	REAL	Float		Read/Write
Gain5	REAL	Float		Read/Write
Select5	BOOL	Decimal		Read/Write
In6	REAL	Float		Read/Write
Gain6	REAL	Float		Read/Write
Select6	BOOL	Decimal		Read/Write
In7	REAL	Float		Read/Write
Gain7	REAL	Float		Read/Write
Select7	BOOL	Decimal		Read/Write
In8	REAL	Float		Read/Write
Gain8	REAL	Float		Read/Write
Select8	BOOL	Decimal		Read/Write
Bias	REAL	Float		Read/Write

Name	Data Type	Style	Description	External Access
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: SELECT_ENHANCED

Description:

Size: 64 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In1	REAL	Float		Read/Write
In2	REAL	Float		Read/Write
In3	REAL	Float		Read/Write
In4	REAL	Float		Read/Write
In5	REAL	Float		Read/Write
In6	REAL	Float		Read/Write
In1Fault	BOOL	Decimal		Read/Write
In2Fault	BOOL	Decimal		Read/Write
In3Fault	BOOL	Decimal		Read/Write
In4Fault	BOOL	Decimal		Read/Write
In5Fault	BOOL	Decimal		Read/Write
In6Fault	BOOL	Decimal		Read/Write
InsUsed	DINT	Decimal		Read/Write
SelectorMode	DINT	Decimal		Read/Write
ProgSelector	DINT	Decimal		Read/Write
OperSelector	DINT	Decimal		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgOverrideReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
SelectedIn	DINT	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
ProgOper	BOOL	Decimal		Read/Write
Override	BOOL	Decimal		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InsFaulted	BOOL	Decimal		Read/Write
InsUsedInv	BOOL	Decimal		Read/Write
SelectorModeInv	BOOL	Decimal		Read/Write
ProgSelectorInv	BOOL	Decimal		Read/Write
OperSelectorInv	BOOL	Decimal		Read/Write

Data type Name: SERIAL_PORT_CONTROL

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
LEN	DINT	Decimal		Read/Write
POS	DINT	Decimal		Read/Write
ERROR	DINT	Hex		Read/Write
EN	BOOL	Decimal		Read/Write
EU	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
EM	BOOL	Decimal		Read/Write
ER	BOOL	Decimal		Read/Write
UL	BOOL	Decimal		Read/Write
RN	BOOL	Decimal		Read/Write
FD	BOOL	Decimal		Read/Write

Data type Name: SFC_ACTION

Description:

Size: 16 byte(s)

Name	Data Type	Style	Description	External Access
Status	DINT	Hex		Read/Write
A	BOOL	Decimal		Read/Write
Q	BOOL	Decimal		Read/Write
PauseTimer	BOOL	Decimal		Read/Write
PRE	DINT	Decimal		Read/Write
T	DINT	Decimal		Read/Write
Count	DINT	Decimal		Read/Write

Data type Name: SFC_STEP

Description:

Size: 28 byte(s)

Name	Data Type	Style	Description	External Access
Status	DINT	Hex		Read/Write
X	BOOL	Decimal		Read/Write
FS	BOOL	Decimal		Read/Write
SA	BOOL	Decimal		Read/Write
LS	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write
OV	BOOL	Decimal		Read/Write
AlarmEn	BOOL	Decimal		Read/Write
AlarmLow	BOOL	Decimal		Read/Write
AlarmHigh	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
PauseTimer	BOOL	Decimal		Read/Write
PRE	DINT	Decimal		Read/Write
T	DINT	Decimal		Read/Write
TMax	DINT	Decimal		Read/Write
Count	DINT	Decimal		Read/Write
LimitLow	DINT	Decimal		Read/Write
LimitHigh	DINT	Decimal		Read/Write

Data type Name: SFC_STOP

Description:

Size: 20 byte(s)

Name	Data Type	Style	Description	External Access
Status	DINT	Hex		Read/Write
X	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
Count	DINT	Decimal		Read/Write

Data type Name: SPLIT_RANGE

Description:

Size: 108 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
CycleTime	REAL	Float		Read/Write
MaxHeatIn	REAL	Float		Read/Write
MinHeatIn	REAL	Float		Read/Write
MaxCoolIn	REAL	Float		Read/Write
MinCoolIn	REAL	Float		Read/Write
MaxHeatTime	REAL	Float		Read/Write
MinHeatTime	REAL	Float		Read/Write
MaxCoolTime	REAL	Float		Read/Write
MinCoolTime	REAL	Float		Read/Write
EnableOut	BOOL	Decimal		Read/Write
HeatOut	BOOL	Decimal		Read/Write
CoolOut	BOOL	Decimal		Read/Write
HeatTimePercent	REAL	Float		Read/Write
CoolTimePercent	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
CycleTimeInv	BOOL	Decimal		Read/Write
MaxHeatTimeInv	BOOL	Decimal		Read/Write
MinHeatTimeInv	BOOL	Decimal		Read/Write
MaxCoolTimeInv	BOOL	Decimal		Read/Write
MinCoolTimeInv	BOOL	Decimal		Read/Write
HeatSpanInv	BOOL	Decimal		Read/Write
CoolSpanInv	BOOL	Decimal		Read/Write

Data type Name: S_CURVE

Description:

Size: 120 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	REAL	Float		Read/Write
AbsAlgRamp	BOOL	Decimal		Read/Write
AccelRate	REAL	Float		Read/Write
DecelRate	REAL	Float		Read/Write
JerkRate	REAL	Float		Read/Write
HoldMode	BOOL	Decimal		Read/Write
HoldEnable	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
S_Mode	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write
Rate	REAL	Float		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
AccelRateInv	BOOL	Decimal		Read/Write
DecelRateInv	BOOL	Decimal		Read/Write
JerkRateInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: THRS_ENHANCED

Description:

Size: 92 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Enable	BOOL	Decimal		Read/Write
Disconnected	BOOL	Decimal		Read/Write
RightButtonNormallyOpen	BOOL	Decimal		Read/Write
RightButtonNormallyClosed	BOOL	Decimal		Read/Write
LeftButtonNormallyOpen	BOOL	Decimal		Read/Write
LeftButtonNormallyClosed	BOOL	Decimal		Read/Write
InputStatus	BOOL	Decimal		Read/Write
Reset	BOOL	Decimal		Read/Write
DiscrepancyTime	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
O1	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write
BR	BOOL	Decimal		Read/Write
SB	BOOL	Decimal		Read/Write
FaultCode	DINT	Decimal		Read/Write
DiagnosticCode	DINT	Decimal		Read/Write

Data type Name: TIMER

Description:

Size: 12 byte(s)

Name	Data Type	Style	Description	External Access
PRE	DINT	Decimal		Read/Write
ACC	DINT	Decimal		Read/Write
EN	BOOL	Decimal		Read/Write
TT	BOOL	Decimal		Read/Write
DN	BOOL	Decimal		Read/Write

Data type Name: TOTALIZER

Description:

Size: 116 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
In	REAL	Float		Read/Write
InFault	BOOL	Decimal		Read/Write
TimeBase	DINT	Decimal		Read/Write
Gain	REAL	Float		Read/Write
ResetValue	REAL	Float		Read/Write
Target	REAL	Float		Read/Write
TargetDev1	REAL	Float		Read/Write
TargetDev2	REAL	Float		Read/Write
LowInCutoff	REAL	Float		Read/Write
ProgProgReq	BOOL	Decimal		Read/Write
ProgOperReq	BOOL	Decimal		Read/Write
ProgStartReq	BOOL	Decimal		Read/Write
ProgStopReq	BOOL	Decimal		Read/Write
ProgResetReq	BOOL	Decimal		Read/Write
OperProgReq	BOOL	Decimal		Read/Write
OperOperReq	BOOL	Decimal		Read/Write
OperStartReq	BOOL	Decimal		Read/Write
OperStopReq	BOOL	Decimal		Read/Write
OperResetReq	BOOL	Decimal		Read/Write
ProgValueReset	BOOL	Decimal		Read/Write
TimingMode	DINT	Decimal		Read/Write
OversampleDT	REAL	Float		Read/Write
RTSTime	DINT	Decimal		Read/Write
RTSTimeStamp	DINT	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write

Name	Data Type	Style	Description	External Access
Total	REAL	Float		Read/Write
OldTotal	REAL	Float		Read/Write
ProgOper	BOOL	Decimal		Read/Write
RunStop	BOOL	Decimal		Read/Write
ProgResetDone	BOOL	Decimal		Read/Write
TargetFlag	BOOL	Decimal		Read/Write
TargetDev1Flag	BOOL	Decimal		Read/Write
TargetDev2Flag	BOOL	Decimal		Read/Write
LowInCutoffFlag	BOOL	Decimal		Read/Write
DeltaT	REAL	Float		Read/Write
Status	DINT	Hex		Read/Write
InstructFault	BOOL	Decimal		Read/Write
InFaulted	BOOL	Decimal		Read/Write
TimeBaseInv	BOOL	Decimal		Read/Write
TimingModeInv	BOOL	Decimal		Read/Write
RTSMissed	BOOL	Decimal		Read/Write
RTSTimeInv	BOOL	Decimal		Read/Write
RTSTimeStampInv	BOOL	Decimal		Read/Write
DeltaTInv	BOOL	Decimal		Read/Write

Data type Name: TWO_HAND_RUN_STATION

Description:

Size: 48 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
ActivePinType	BOOL	Decimal		Read/Write
ActivePin	BOOL	Decimal		Read/Write
RightButtonNormallyOpen	BOOL	Decimal		Read/Write
RightButtonNormallyClosed	BOOL	Decimal		Read/Write
LeftButtonNormallyOpen	BOOL	Decimal		Read/Write
LeftButtonNormallyClosed	BOOL	Decimal		Read/Write
FaultReset	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
BP	BOOL	Decimal		Read/Write
SA	BOOL	Decimal		Read/Write
BT	BOOL	Decimal		Read/Write
CB	BOOL	Decimal		Read/Write
SAF	BOOL	Decimal		Read/Write
RBF	BOOL	Decimal		Read/Write
LBF	BOOL	Decimal		Read/Write
FP	BOOL	Decimal		Read/Write

Data type Name: UP_DOWN_ACCUM

Description:

Size: 32 byte(s)

Name	Data Type	Style	Description	External Access
EnableIn	BOOL	Decimal		Read/Write
Initialize	BOOL	Decimal		Read/Write
InitialValue	REAL	Float		Read/Write
InPlus	REAL	Float		Read/Write
InMinus	REAL	Float		Read/Write
Hold	BOOL	Decimal		Read/Write
EnableOut	BOOL	Decimal		Read/Write
Out	REAL	Float		Read/Write

Data type Name: AB:1769_DI16:I:0

Description:

Size: 8 byte(s)

Name	Data Type	Style	Description	External Access
Fault	DINT	Binary		Read/Write
Data	INT	Binary		Read/Write

Data type Name: AB:1769_DO16:C:0

Description:

Size: 24 byte(s)

Name	Data Type	Style	Description	External Access
Config	INT	Binary		Read/Write
ProgToFaultEn	BOOL	Decimal		Read/Write
ProgMode	INT	Binary		Read/Write
ProgValue	INT	Binary		Read/Write
FaultMode	INT	Binary		Read/Write
FaultValue	INT	Binary		Read/Write

Data type Name: AB:1769_DO16:I:0

Description:

Size: 8 byte(s)

Name	Data Type	Style	Description	External Access
Fault	DINT	Binary		Read/Write
ReadBack	INT	Binary		Read/Write

Data type Name: AB:1769_DO16:O:0

Description:

Size: 4 byte(s)

Name	Data Type	Style	Description	External Access
Data	INT	Binary		Read/Write

Data type Name: AB:1769_IF4XOF2:C:0

Description:

Size: 28 byte(s)

Name	Data Type	Style	Description	External Access
Config0	INT	Binary		Read/Write
Ch0ProgToFaultEn	BOOL	Decimal		Read/Write
Ch0ProgMode	BOOL	Decimal		Read/Write
Ch0FaultMode	BOOL	Decimal		Read/Write
Ch0InputEn	BOOL	Decimal		Read/Write
Ch1InputEn	BOOL	Decimal		Read/Write
Ch2InputEn	BOOL	Decimal		Read/Write
Ch3InputEn	BOOL	Decimal		Read/Write
Config1	INT	Binary		Read/Write
Ch1ProgToFaultEn	BOOL	Decimal		Read/Write
Ch1ProgMode	BOOL	Decimal		Read/Write
Ch1FaultMode	BOOL	Decimal		Read/Write
Ch0OutputEn	BOOL	Decimal		Read/Write
Ch1OutputEn	BOOL	Decimal		Read/Write
Ch0FaultValue	INT	Decimal		Read/Write
Ch0ProgValue	INT	Decimal		Read/Write
Ch1FaultValue	INT	Decimal		Read/Write
Ch1ProgValue	INT	Decimal		Read/Write

Data type Name: AB:1769_IF4XOF2:I:0

Description:

Size: 20 byte(s)

Name	Data Type	Style	Description	External Access
Fault	DINT	Binary		Read/Write
Ch0Data	INT	Decimal		Read/Write
Ch1Data	INT	Decimal		Read/Write
Ch2Data	INT	Decimal		Read/Write
Ch3Data	INT	Decimal		Read/Write
InputRangeFlag	INT	Binary		Read/Write
Ch0InputOverRange	BOOL	Decimal		Read/Write
Ch1InputOverRange	BOOL	Decimal		Read/Write
Ch2InputOverRange	BOOL	Decimal		Read/Write
Ch3InputOverRange	BOOL	Decimal		Read/Write
OutputRangeFlag	INT	Binary		Read/Write
Ch0OutputOverRange	BOOL	Decimal		Read/Write
Ch1OutputOverRange	BOOL	Decimal		Read/Write
Ch0DataInvalid	BOOL	Decimal		Read/Write
Ch1DataInvalid	BOOL	Decimal		Read/Write
Ch0Readback	INT	Decimal		Read/Write
Ch1Readback	INT	Decimal		Read/Write

Data type Name: AB:1769_IF4XOF2:O:0

Description:

Size: 4 byte(s)

Name	Data Type	Style	Description	External Access
Ch0Data	INT	Decimal		Read/Write
Ch1Data	INT	Decimal		Read/Write

Backplane, CompactLogix System : Local Modules **Local: [0] 1769-L32E SistemaSimulado**

Type: 1769-L32E CompactLogix5332E Controller
Vendor: Allen-Bradley
Slot: 0
Revision: 19.11
Inhibit Flag Off

Parent: Controller
Vendor ID: 1
Electronic Keying: Exact Match
Status: Running

 Local: 1769-L32E Ethernet Port LocalENB

Type: 1769-L32E Ethernet Port 10/100
Mbps Ethernet Port on
CompactLogix5332E
Vendor: Allen-Bradley
Slot: 1
Electronic Keying: Compatible Keying
Status: Running

Parent: Controller
Vendor ID: 1
IP Address or Host Name: No address provided
Revision: 19.11
Inhibit Flag Off

 Local: CompactBus Local

Type: CompactBus 1769 Virtual Backplane Adapter
Vendor: Allen-Bradley
Slot: 3
Revision: 19.11
Inhibit Flag Off

Parent: Controller
Vendor ID: 1
Electronic Keying: Exact Match
Status: Running

CompactBus Local : Local

Path: Local: [3] Local

 [1] 1769-IQ16/A <no name>

Type: 1769-IQ16/A 16 Point 24V DC Input,
Sink/Sourcing
Vendor: Allen-Bradley
Slot: 1
Revision: 1.1
Inhibit Flag Off
Use Unicast: n/a

Parent: Local
Vendor ID: 1
Electronic Keying: Compatible Keying
Status: Running
RPI: 20 ms

 [2] 1769-OB16/B <no name>

Type: 1769-OB16/B 16 Point 24V DC Output,
Sink/Sourcing
Vendor: Allen-Bradley
Slot: 2
Revision: 2.1
Inhibit Flag Off

Parent: Local
Vendor ID: 1
Electronic Keying: Compatible Keying
Status: Running
RPI: 20 ms

Use Unicast: n/a

Module Defined Configuration Tag	Value	Data Type
Local:2:C		AB:1769_DO16:C:0
.Config	2#0000_0000_0000_0000	INT
.ProgToFaultEn	0	BOOL
.ProgMode	2#0000_0000_0000_0000	INT
.ProgValue	2#0000_0000_0000_0000	INT
.FaultMode	2#0000_0000_0000_0000	INT
.FaultValue	2#0000_0000_0000_0000	INT

 [3] 1769-IF4XOF2/A AN_IO

Type:	1769-IF4XOF2/A 4 Channel Input/2 Channel Output Low Resolution Analog	Parent:	Local
Vendor:	Allen-Bradley	Vendor ID:	1
Slot:	3	Electronic Keying:	Compatible Keying
Revision:	1.1	Status:	Running
Inhibit Flag	Off	RPI:	80 ms
Use Unicast:	n/a		

Module Defined Configuration Tag	Value	Data Type
Local:3:C		AB:1769_IF4XOF2:C:0
.Config0	2#0000_0000_0000_0000	INT
.Ch0ProgToFaultEn	0	BOOL
.Ch0ProgMode	0	BOOL
.Ch0FaultMode	0	BOOL
.Ch0InputEn	0	BOOL
.Ch1InputEn	0	BOOL
.Ch2InputEn	0	BOOL
.Ch3InputEn	0	BOOL
.Config1	2#0000_0000_0000_0000	INT
.Ch1ProgToFaultEn	0	BOOL
.Ch1ProgMode	0	BOOL
.Ch1FaultMode	0	BOOL
.Ch0OutputEn	0	BOOL
.Ch1OutputEn	0	BOOL
.Ch0FaultValue	0	INT
.Ch0ProgValue	0	INT
.Ch1FaultValue	0	INT
.Ch1ProgValue	0	INT

SistemaSimulado	
Atomic Types	1
Controller Organizer Listing	2
Controller Properties Listing	4
Tag Listing.....	6
MainTask	
Task Properties Listing	19
MainProgram	
Program Properties Listing	20
MainRoutine	
Ladder Diagram	21
Routine Tag Listing	22
Routine Properties Listing	23
RandGen	
Ladder Diagram	24
Routine Tag Listing	26
Routine Properties Listing	27
StepsSim1	
Sequential Function Chart	28
Routine Tag Listing	29
Routine Properties Listing	31
StepsSim2	
Sequential Function Chart	32
Routine Tag Listing	33
Routine Properties Listing	35
StepsSim3	
Sequential Function Chart	36
Routine Tag Listing	37
Routine Properties Listing	39
StepsSim4	
Sequential Function Chart	40
Routine Tag Listing	41
Routine Properties Listing	43
StepsSim5	
Sequential Function Chart	44
Routine Tag Listing	45
Routine Properties Listing	47
StepsSim6	
Sequential Function Chart	48
Routine Tag Listing	49
Routine Properties Listing	51
StepsSim7	
Sequential Function Chart	52
Routine Tag Listing	53
Routine Properties Listing	55
StepsSim8	

Sequential Function Chart.....	56
Routine Tag Listing	57
Routine Properties Listing	59
TempSim	
Function Block Diagram	60
Routine Tag Listing	63
Routine Properties Listing	70
Data Types	
User-Defined Data Type	71
Strings.....	72
Predefined Data Type	73
Module-Defined Data Type	289
Module Properties	
Backplane, CompactLogix System : Local Modules	296
CompactBus Local : Local.....	296