

PROFINET

GSDML Description

Package Version 1.30 (20150505)

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Description for GSDML Files:

- GSDML-V2.1-BR-X20BC00E3-20150505
- GSDML-V2.25-BR-X20BC00E3-20150505
- GSDML-V2.1-BR-X67BCE321.L12-20150505
- GSDML-V2.25-BR-X67BCE321.L12-20150505

This document is a assistance for Master-Systems which not able to use the datapoint description of the GSDML. Each I/O-Module which is in the GSDML file or is configurable in an engineering tool, will be documented. Each table for an X2X module contains the cycle input-, outputdatapoints and acyclic configuration registers. The order of the datapoints is the same, as in the PROFINET-Frame.

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1. ACOPOS

1.1. 8I64xxxxxxx.00X-1

HwId: 0xB0E4

Description: ACOPOSinverter

Input		
Name	Input	Output
ModuleOK	Unsigned8	
ETAD	Unsigned16	
ETI	Unsigned16	
RFRD	Integer16	
OTR	Integer16	
LCR	Unsigned16	
THD	Unsigned16	
THR	Unsigned16	
IOLR_in	Integer16	
ERRD	Unsigned16	
LFT	Integer16	
Output		
Name	Input	Output
CMD		Unsigned16
CMI		Unsigned16
LFRD		Integer16
IOLR_out		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x232A	CMI_Input	Unsigned16
0x232A	CMI_Input	Unsigned16
0x2107	LAC_Input	Unsigned16
0x23F0	TCC_Input	Unsigned16
0x2110	BFR_Input	Unsigned16
0x2394	FRS_Input	Unsigned16
0x232A	CMI_Input	Unsigned16
0x2311	FR1_Input	Unsigned16
0x231B	CD1_Input	Unsigned16
0x231C	CD2_Input	Unsigned16
0x2324	FLOC_Input	Unsigned16
0x2421	PS2_Input	Unsigned16
0x2422	PS4_Input	Unsigned16
0x2327	CMD_Input	Unsigned16
0x2375	ACC_Input	Unsigned16
0x2376	DEC_Input	Unsigned16
0x213C	LSP_Input	Unsigned16
0x213B	HSP_Input	Unsigned16
0x23A8	ITH_Input	Unsigned16
0x2393	UNS_Input	Unsigned16
0x2395	NCR_Input	Unsigned16
0x2396	NSP_Input	Unsigned16
0x2398	COS_Input	Unsigned16
0x239A	TUN_Input	Unsigned16
0x2399	UFT_Input	Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x2139	SFR_Input	Unsigned16
0x213A	TFR_Input	Unsigned16
0x232A	CMI_Input	Unsigned16
0x0604	RX_EnableMask_Output	Unsigned32
0x060C	TX_EnableMask_Output	Unsigned32
0x0611	Cyclic_Mode_Output	Unsigned32

2. Analog Input Module

2.1. X20AI1744

HwId: 0x1CDE

Description: 1 x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned8	
AnalogInput01	Integer32	
Output		
Name	Input	Output
ConfigOutput01		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigCycletime01	Unsigned16

2.1. X20AI1744_C1

HwId: 0x1CDE

Description: 1 x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
AnalogInput05	Integer16	
AnalogInput06	Integer16	
AnalogInput07	Integer16	
AnalogInput08	Integer16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0640	ConfigGain01_MultiSample	Unsigned8

2.1. X20AI1744-3

HwId: 0xA4EF

Description: 1 x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned8	
AnalogInput01	Integer32	
Output		
Name	Input	Output
ConfigOutput01		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

2.1. X20AI1744-3_C1

HwId: 0xA4EF

Description: 1 x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
AnalogInput05	Integer16	
AnalogInput06	Integer16	
AnalogInput07	Integer16	
AnalogInput08	Integer16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0640	ConfigGain01_MultiSample	Unsigned8

2.1. X20AI2222

HwId: 0xCAB0

Description: 2 Inputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI2237

HwId: 0xC9C4

Description: 2 Voltage Inputs, electrically isolated

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01_Measured	Integer16	
AnalogInput01_Evaluated	Integer16	
Sampletime01	Integer32	
AnalogStatus01	Unsigned8	
AnalogInput02_Measured	Integer16	
AnalogInput02_Evaluated	Integer16	
Sampletime02	Integer32	
AnalogStatus02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0182	AnalogMode01	Unsigned16
0x01AE	AnalogMode02	Unsigned16
0x0186	AnalogFilter01	Unsigned16
0x01B2	AnalogFilter02	Unsigned16
0x0192	UpperLimit01	Unsigned16
0x01BE	UpperLimit02	Unsigned16
0x018E	LowerLimit01	Unsigned16
0x01BA	LowerLimit02	Unsigned16
0x0196	Hysteres01	Unsigned16
0x01C2	Hysteres02	Unsigned16
0x01A2	ErrorDelay01	Unsigned16
0x01CE	ErrorDelay02	Unsigned16
0x01A6	SumErrorDelay01	Unsigned16
0x01D2	SumErrorDelay02	Unsigned16
0x019E	ReplacementUpper01	Unsigned16
0x01CA	ReplacementUpper02	Unsigned16
0x019A	ReplacementLower01	Unsigned16
0x01C6	ReplacementLower02	Unsigned16

2.1. X20AI2322

HwId: 0xCAB2

Description: 2 Inputs 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI2437

HwId: 0xB784

Description: 2 Inputs 0 to 25 mA, 16 bit, electr. isolated

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Unsigned16	
AnalogInput02	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0182	AnMode_1	Unsigned16
0x0186	Samplerate_1	Unsigned16
0x01A2	ErrorDelay_1	Unsigned16
0x01A6	SumErrorDelay_1	Unsigned16
0x01AA	AnMode_2	Unsigned16
0x01AE	Samplerate_2	Unsigned16
0x01CA	ErrorDelay_2	Unsigned16
0x01CE	SumErrorDelay_2	Unsigned16
0x018E	LowerLimit_1	Unsigned16
0x0192	UpperLimit_1	Unsigned16
0x01B6	LowerLimit_2	Unsigned16
0x01BA	UpperLimit_2	Unsigned16

2.1. X20AI2438

HwId: 0xB3A9

Description: 2 Current Inputs, HART Master

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Unsigned16	
AnalogInput02	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0182	AnMode_1	Unsigned16
0x0186	Samplerate_1	Unsigned16
0x01A2	ErrorDelay_1	Unsigned16
0x01A6	SumErrorDelay_1	Unsigned16
0x01AA	AnMode_2	Unsigned16
0x01AE	Samplerate_2	Unsigned16
0x01CA	ErrorDelay_2	Unsigned16
0x01CE	SumErrorDelay_2	Unsigned16
0x018E	LowerLimit_1	Unsigned16
0x0192	UpperLimit_1	Unsigned16
0x01B6	LowerLimit_2	Unsigned16
0x01BA	UpperLimit_2	Unsigned16

2.1. X20AI2622

HwId: 0x1B9E

Description: 2 Inputs ?10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI2632

HwId: 0x1BA0

Description: 2 Inputs ± 10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
Inputs_X20AI2632_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186	ConfigOutput24	Unsigned16
0x0101	ConfigOutput01	Unsigned8
0x0103	ConfigOutput26	Unsigned8
0x0106	ConfigOutput27	Unsigned16
0x010A	ConfigOutput02	Unsigned16
0x010E	ConfigOutput03	Unsigned16
0x0114	ConfigOutput04	Unsigned32
0x011C	ConfigOutput05	Unsigned32
0x0121	ConfigOutput06	Unsigned8
0x0123	ConfigOutput28	Unsigned8
0x0126	ConfigOutput29	Unsigned16
0x012A	ConfigOutput07	Unsigned16
0x012E	ConfigOutput08	Unsigned16
0x0134	ConfigOutput09	Unsigned32
0x013C	ConfigOutput10	Unsigned32

2.1. X20AI2632-1

HwId: 0xA29E

Description: 2 Inputs ± 11 V / 0 to 22 mA, 16 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
Inputs_X20AI2632-1_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186	ConfigOutput24	Unsigned16
0x0101	ConfigOutput01	Unsigned8
0x0103	ConfigOutput26	Unsigned8
0x0106	ConfigOutput27	Unsigned16
0x010A	ConfigOutput02	Unsigned16
0x010E	ConfigOutput03	Unsigned16
0x0114	ConfigOutput04	Unsigned32
0x011C	ConfigOutput05	Unsigned32
0x0121	ConfigOutput06	Unsigned8
0x0123	ConfigOutput28	Unsigned8
0x0126	ConfigOutput29	Unsigned16
0x012A	ConfigOutput07	Unsigned16
0x012E	ConfigOutput08	Unsigned16
0x0134	ConfigOutput09	Unsigned32
0x013C	ConfigOutput10	Unsigned32

2.1. X20AI4222

HwId: 0xCAB1

Description: 4 Inputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI4322

HwId: 0xCAB3

Description: 4 Inputs 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI4622

HwId: 0x1BAA

Description: 4 Inputs ?10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI4632

HwId: 0x1BA1

Description: 4 Inputs ± 10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
Inputs_X20AI4632_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 2	Channel03OK
	Bit 3	Channel04OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186	ConfigOutput24	Unsigned16
0x0101	ConfigOutput01	Unsigned8
0x0103	ConfigOutput26	Unsigned8
0x0106	ConfigOutput27	Unsigned16
0x010A	ConfigOutput02	Unsigned16
0x010E	ConfigOutput03	Unsigned16
0x0114	ConfigOutput04	Unsigned32
0x011C	ConfigOutput05	Unsigned32
0x0121	ConfigOutput06	Unsigned8
0x0123	ConfigOutput28	Unsigned8
0x0126	ConfigOutput29	Unsigned16
0x012A	ConfigOutput07	Unsigned16
0x012E	ConfigOutput08	Unsigned16
0x0134	ConfigOutput09	Unsigned32
0x013C	ConfigOutput10	Unsigned32
0x0141	ConfigOutput11	Unsigned8
0x0143	ConfigOutput30	Unsigned8
0x0146	ConfigOutput31	Unsigned16
0x014A	ConfigOutput12	Unsigned16
0x014E	ConfigOutput13	Unsigned16
0x0154	ConfigOutput14	Unsigned32
0x015C	ConfigOutput15	Unsigned32
0x0161	ConfigOutput16	Unsigned8
0x0163	ConfigOutput32	Unsigned8
0x0166	ConfigOutput33	Unsigned16
0x016A	ConfigOutput17	Unsigned16
0x016E	ConfigOutput18	Unsigned16
0x0174	ConfigOutput19	Unsigned32
0x017C	ConfigOutput20	Unsigned32

2.1. X20AI4632-1

HwId: 0xA29D

Description: 4 Inputs ± 11 V / 0 to 22 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
Inputs_X20AI4632-1_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 2	Channel03OK
	Bit 3	Channel04OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186	ConfigOutput24	Unsigned16
0x0101	ConfigOutput01	Unsigned8
0x0103	ConfigOutput26	Unsigned8
0x0106	ConfigOutput27	Unsigned16
0x010A	ConfigOutput02	Unsigned16
0x010E	ConfigOutput03	Unsigned16
0x0114	ConfigOutput04	Unsigned32
0x011C	ConfigOutput05	Unsigned32
0x0121	ConfigOutput06	Unsigned8
0x0123	ConfigOutput28	Unsigned8
0x0126	ConfigOutput29	Unsigned16
0x012A	ConfigOutput07	Unsigned16
0x012E	ConfigOutput08	Unsigned16
0x0134	ConfigOutput09	Unsigned32
0x013C	ConfigOutput10	Unsigned32
0x0141	ConfigOutput11	Unsigned8
0x0143	ConfigOutput30	Unsigned8
0x0146	ConfigOutput31	Unsigned16
0x014A	ConfigOutput12	Unsigned16
0x014E	ConfigOutput13	Unsigned16
0x0154	ConfigOutput14	Unsigned32
0x015C	ConfigOutput15	Unsigned32
0x0161	ConfigOutput16	Unsigned8
0x0163	ConfigOutput32	Unsigned8
0x0166	ConfigOutput33	Unsigned16
0x016A	ConfigOutput17	Unsigned16
0x016E	ConfigOutput18	Unsigned16
0x0174	ConfigOutput19	Unsigned32
0x017C	ConfigOutput20	Unsigned32

2.1. X20AI8221

HwId: 0xD82F

Description: 8 Inputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
AnalogInput05	Integer16	
AnalogInput06	Integer16	
AnalogInput07	Integer16	
AnalogInput08	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned16
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AI8321

HwId: 0xD831

Description: 8 Inputs 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
AnalogInput05	Integer16	
AnalogInput06	Integer16	
AnalogInput07	Integer16	
AnalogInput08	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned16
0x0012	ConfigOutput02	Unsigned16
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X20AP3111

HwId: 0xC9DA

Description: Power measurement 3 Inputs 480 VAC, 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned16	
SysStatus00	Unsigned16	
SysStatus01	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
AEnergyT	Integer32	
REnergyT	Integer32	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3111_C1

HwId: 0xC9DA

Description: Power measurement 3 Inputs 480 VAC, 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
UrmsA	Unsigned16	
UrmsB	Unsigned16	
UrmsC	Unsigned16	
IrmsA	Unsigned16	
IrmsB	Unsigned16	
IrmsC	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
PFmeanT	Integer16	
Freq	Unsigned16	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x0801	OutputMTU	Unsigned8
0x0803	InputMTU	Unsigned8
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3121

HwId: 0xC9DB

Description: Power measurement 3 Inputs 480 VAC, 1 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned16	
SysStatus00	Unsigned16	
SysStatus01	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
AEnergyT	Integer32	
REnergyT	Integer32	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3121_C1

HwId: 0xC9DB

Description: Power measurement 3 Inputs 480 VAC, 1 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
UrmsA	Unsigned16	
UrmsB	Unsigned16	
UrmsC	Unsigned16	
IrmsA	Unsigned16	
IrmsB	Unsigned16	
IrmsC	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
PFmeanT	Integer16	
Freq	Unsigned16	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x0801	OutputMTU	Unsigned8
0x0803	InputMTU	Unsigned8
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3131

HwId: 0xC9DC

Description: Power measurement 3 Inputs 480 VAC, 5 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned16	
SysStatus00	Unsigned16	
SysStatus01	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
AEnergyT	Integer32	
REnergyT	Integer32	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3131_C1

HwId: 0xC9DC

Description: Power measurement 3 Inputs 480 VAC, 5 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
UrmsA	Unsigned16	
UrmsB	Unsigned16	
UrmsC	Unsigned16	
IrmsA	Unsigned16	
IrmsB	Unsigned16	
IrmsC	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
PFmeanT	Integer16	
Freq	Unsigned16	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16
0x048A	MeteringMode	Unsigned16
0x0402	ChanControl	Unsigned16
0x0442	ZXConfig	Unsigned16
0x040A	I_RatioA	Unsigned16
0x040E	I_RatioB	Unsigned16
0x0412	I_RatioC	Unsigned16
0x0416	I_RatioN	Unsigned16
0x0446	SagTh	Unsigned16
0x044A	PhaseLoseTh	Unsigned16
0x0801	OutputMTU	Unsigned8
0x0803	InputMTU	Unsigned8
0x041E	Cs0Update	Unsigned16
0x041A	CfgUpdate	Unsigned16

2.1. X20AP3161

HwId: 0xE17B

Description: Power measurement 3 Inputs 480 VAC, 4 Inputs 333 mVAC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned16	
SysStatus00	Unsigned16	
SysStatus01	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
AEnergyT	Integer32	
REnergyT	Integer32	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E		Unsigned16
0x041A		Unsigned16
0x048A		Unsigned16
0x0402		Unsigned16
0x0442		Unsigned16
0x040A		Unsigned16
0x040E		Unsigned16
0x0412		Unsigned16
0x0416		Unsigned16
0x0446		Unsigned16
0x044A		Unsigned16
0x041E		Unsigned16
0x041A		Unsigned16

2.1. X20AP3161_C1

HwId: 0xE17B

Description: Power measurement 3 Inputs 480 VAC, 4 Inputs 333 mVAC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
UrmsA	Unsigned16	
UrmsB	Unsigned16	
UrmsC	Unsigned16	
IrmsA	Unsigned16	
IrmsB	Unsigned16	
IrmsC	Unsigned16	
PmeanT	Integer16	
QmeanT	Integer16	
SAmeanT	Integer16	
PFmeanT	Integer16	
Freq	Unsigned16	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
Output		
Name	Input	Output
ControlOutput01		Unsigned16
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x041E		Unsigned16
0x041A		Unsigned16
0x048A		Unsigned16
0x0402		Unsigned16
0x0442		Unsigned16
0x040A		Unsigned16
0x040E		Unsigned16
0x0412		Unsigned16
0x0416		Unsigned16
0x0446		Unsigned16
0x044A		Unsigned16
0x0801		Unsigned8
0x0803		Unsigned8
0x041E		Unsigned16
0x041A		Unsigned16

2.1. X20AT2222

HwId: 0x1BA6

Description: 2 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8

2.1. X20AT2222_C1

HwId: 0x1BA6

Description: 2 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8

2.1. X20AT2311

HwId: 0xA4AA

Description: 2 Resistor Temperature Inputs, PT100, 4-wire

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer32	
Temperature02	Integer32	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0801	ConfigOutput01	Unsigned8
0x0803	ConfigOutput02	Unsigned8

2.1. X20AT2402

HwId: 0x1BA8

Description: 2 Temperature Sensor Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0018	ConfigOutput01	Unsigned8
0x001A	ConfigOutput02	Unsigned8
0x001B	ConfigOutput03	Unsigned8

2.1. X20AT2402_C1

HwId: 0x1BA8

Description: 2 Temperature Sensor Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
ExternalCompensationTemperature		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0018	ConfigOutput01	Unsigned8
0x001A	ConfigOutput02	Unsigned8
0x001B	ConfigOutput03	Unsigned8

2.1. X20AT4222

HwId: 0x1BA7

Description: 4 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned16

2.1. X20AT4222_C1

HwId: 0x1BA7

Description: 4 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned16

2.1. X20AT6402

HwId: 0x1BA9

Description: 6 Temperature Sensor Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
Temperature05	Integer16	
Temperature06	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0018	ConfigOutput01	Unsigned8
0x001A	ConfigOutput02	Unsigned8
0x001B	ConfigOutput03	Unsigned8

2.1. X20AT6402_C1

HwId: 0x1BA9

Description: 6 Temperature Sensor Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
Temperature05	Integer16	
Temperature06	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
ExternalCompensationTemperature		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0018	ConfigOutput01	Unsigned8
0x001A	ConfigOutput02	Unsigned8
0x001B	ConfigOutput03	Unsigned8

2.1. X20ATA312

HwId: 0xE0E4

Description: 2 Resistor Temperature Inputs, PT100, 4-wire

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer32	
Temperature02	Integer32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0082		Unsigned16
0x0202		Unsigned16
0x0242		Unsigned16

2.1. X20ATA492

HwId: 0xBB98

Description: 2 Temperature Sensor Inputs, electr. isolated

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
CompensationStatus01	Unsigned8	
CompensationStatus02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186	Cfo_InputFilterCh01	Unsigned16
0x0182	Cfo_SensorTypeCh01	Unsigned16
0x019E	Cfo_ErrorDelayCh01	Unsigned16
0x01A2	Cfo_SumErrorDelayCh01	Unsigned16
0x01AE	Cfo_InputFilterCh02	Unsigned16
0x01AA	Cfo_SensorTypeCh02	Unsigned16
0x01C6	Cfo_ErrorDelayCh02	Unsigned16
0x01CA	Cfo_SumErrorDelayCh02	Unsigned16

2.1. X20ATB312

HwId: 0xE0EF

Description: 4 Resistor Temperature Inputs, PT100, 4-wire

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer32	
Temperature02	Integer32	
Temperature03	Integer32	
Temperature04	Integer32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0082	InputFilter	Unsigned16
0x0202	SensorType01	Unsigned16
0x0242	SensorType02	Unsigned16
0x0282	SensorType03	Unsigned16
0x02C2	SensorType04	Unsigned16

2.1. X20ATC402

HwId: 0xBB99

Description: 6 Thermoelement Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
CompensationValueA	Integer16	
CompensationValueB	Integer16	
CompensationStatusA	Unsigned8	
CompensationStatusB	Unsigned8	
TemperatureEvaluated01	Integer16	
TemperatureEvaluated02	Integer16	
TemperatureEvaluated03	Integer16	
TemperatureEvaluated04	Integer16	
TemperatureEvaluated05	Integer16	
TemperatureEvaluated06	Integer16	
IOCycleCounter01	Unsigned8	
IOCycleCounter02	Unsigned8	
IOCycleCounter03	Unsigned8	
IOCycleCounter04	Unsigned8	
IOCycleCounter05	Unsigned8	
IOCycleCounter06	Unsigned8	
ModuleStatus01To04	Unsigned8	
ModuleStatus05To06	Unsigned8	
Output		
Name	Input	Output
ExternalCompensation01		Integer16
ExternalCompensation02		Integer16
ExternalCompensation03		Integer16
ExternalCompensation04		Integer16
ExternalCompensation05		Integer16
ExternalCompensation06		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0402	Cfo_InputFilter	Unsigned16
0x0442	Cfo_SensorType01	Unsigned16
0x0482	Cfo_SensorType02	Unsigned16
0x04C2	Cfo_SensorType03	Unsigned16
0x0502	Cfo_SensorType04	Unsigned16
0x0542	Cfo_SensorType05	Unsigned16
0x0582	Cfo_SensorType06	Unsigned16

2.1. X20cAI2438

HwId: 0xE1EE

Description: Coated 2 Current Inputs, HART Master

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Unsigned16	
AnalogInput02	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0182		Unsigned16
0x0186		Unsigned16
0x01A2		Unsigned16
0x01A6		Unsigned16
0x01AA		Unsigned16
0x01AE		Unsigned16
0x01CA		Unsigned16
0x01CE		Unsigned16
0x018E		Unsigned16
0x0192		Unsigned16
0x01B6		Unsigned16
0x01BA		Unsigned16

2.1. X20cAI4622

HwId: 0xE1EF

Description: Coated 4 Inputs ?10 V / 0 to 20 mA / 4 to 20 mA, 12 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010		Unsigned8
0x0012		Unsigned8
0x0014		Unsigned16
0x0016		Unsigned16

2.1. X20cAI4632

HwId: 0xE1F0

Description: Coated 4 Inputs ± 10 V / 0 to 20 mA, 16 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
Inputs_X20cAI4632_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 2	Channel03OK
	Bit 3	Channel04OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186		Unsigned16
0x0101		Unsigned8
0x0103		Unsigned8
0x0106		Unsigned16
0x010A		Unsigned16
0x010E		Unsigned16
0x0114		Unsigned32
0x011C		Unsigned32
0x0121		Unsigned8
0x0123		Unsigned8
0x0126		Unsigned16
0x012A		Unsigned16
0x012E		Unsigned16
0x0134		Unsigned32
0x013C		Unsigned32
0x0141		Unsigned8
0x0143		Unsigned8
0x0146		Unsigned16
0x014A		Unsigned16
0x014E		Unsigned16
0x0154		Unsigned32
0x015C		Unsigned32
0x0161		Unsigned8
0x0163		Unsigned8
0x0166		Unsigned16
0x016A		Unsigned16
0x016E		Unsigned16
0x0174		Unsigned32
0x017C		Unsigned32

2.1. X20cAI4632-1

HwId: 0xD57A

Description: Coated 4 Inputs ± 11 V / 0 to 22 mA, 16 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
Inputs_X20cAI4632-1_a	Unsigned8	
	Bit 0	Channel01OK
	Bit 1	Channel02OK
	Bit 2	Channel03OK
	Bit 3	Channel04OK
	Bit 6	SyncStatus
	Bit 7	ConversionCycle
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0186		Unsigned16
0x0101		Unsigned8
0x0103		Unsigned8
0x0106		Unsigned16
0x010A		Unsigned16
0x010E		Unsigned16
0x0114		Unsigned32
0x011C		Unsigned32
0x0121		Unsigned8
0x0123		Unsigned8
0x0126		Unsigned16
0x012A		Unsigned16
0x012E		Unsigned16
0x0134		Unsigned32
0x013C		Unsigned32
0x0141		Unsigned8
0x0143		Unsigned8
0x0146		Unsigned16
0x014A		Unsigned16
0x014E		Unsigned16
0x0154		Unsigned32
0x015C		Unsigned32
0x0161		Unsigned8
0x0163		Unsigned8
0x0166		Unsigned16
0x016A		Unsigned16
0x016E		Unsigned16
0x0174		Unsigned32
0x017C		Unsigned32

2.1. X20cAT4222

HwId: 0xE215

Description: Coated 4 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010		Unsigned8
0x0012		Unsigned16

2.1. X20cAT4222_C1

HwId: 0xE215

Description: Coated 4 Resistor Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010		Unsigned8
0x0012		Unsigned16

2.1. X20cAT6402

HwId: 0xDD57

Description: Coated 6 Thermocouple Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
Temperature05	Integer16	
Temperature06	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0018		Unsigned8
0x001A		Unsigned8
0x001B		Unsigned8

2.1. X20cAT6402_C1

HwId: 0xDD57

Description: Coated 6 Thermocouple Temperature Inputs

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
Temperature05	Integer16	
Temperature06	Integer16	
StatusInput01	Unsigned8	
StatusInput02	Unsigned8	
Output		
Name	Input	Output
ExternalCompensationTemperature		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0018		Unsigned8
0x001A		Unsigned8
0x001B		Unsigned8

2.1. X67AI1223

HwId: 0x16F1

Description: 4 Inputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8

2.1. X67AI1323

HwId: 0x16F2

Description: 4 Inputs 0 to 20 mA

Input			
Name		Input	Output
ModuleOK		Unsigned8	
AnalogInput01		Integer16	
AnalogInput02		Integer16	
AnalogInput03		Integer16	
AnalogInput04		Integer16	
Inputs_X67AI1323_a		Unsigned8	
	Bit 1	StatusAnalogInput01	
	Bit 3	StatusAnalogInput02	
	Bit 5	StatusAnalogInput03	
	Bit 7	StatusAnalogInput04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8

2.1. X67AI1333

HwId: 0xAB1C

Description: 4 Inputs 0 to 20 mA, 16 bit

Input			
Name		Input	Output
ModuleOK		Unsigned8	
AnalogInput01		Integer16	
AnalogInput02		Integer16	
AnalogInput03		Integer16	
AnalogInput04		Integer16	
Inputs_X67AI1333_a		Unsigned8	
	Bit 1	OverflowAnalogInput01	
	Bit 0	UnderflowAnalogInput01	
	Bit 3	OverflowAnalogInput02	
	Bit 2	UnderflowAnalogInput02	
	Bit 5	OverflowAnalogInput03	
	Bit 4	UnderflowAnalogInput03	
	Bit 7	OverflowAnalogInput04	
	Bit 6	UnderflowAnalogInput04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

2.1. X67AI2744

HwId: 0x2274

Description: 2x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
StatusInput01	Unsigned8	
AnalogInput01	Integer32	
AnalogInput02	Integer32	
Output		
Name	Input	Output
ConfigOutput01		Unsigned8
ConfigOutput02		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

2.1. X67AI4850

HwId: 0x26E5

Description: 4 Inputs for Potentiometer Encoder

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

2.1. X67AT1311

HwId: 0xD21B

Description: 4 Inputs for PT100 (2/4-wire)

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned16

2.1. X67AT1311-C01

HwId: 0xD2A8

Description: 4 Inputs for PT100 (2/4-wire)

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010		Unsigned8
0x0012		Unsigned16

2.1. X67AT1322

HwId: 0x1488

Description: 4 Inputs for RTD (2/4-wire)

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
StatusInput01	Unsigned16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned16

2.1. X67AT1402

HwId: 0x1486

Description: 4 Inputs for Thermocouples

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Temperature01	Integer16	
Temperature02	Integer16	
Temperature03	Integer16	
Temperature04	Integer16	
TerminalTemperature01	Integer16	
TerminalTemperature02	Integer16	
TerminalTemperature03	Integer16	
TerminalTemperature04	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8

3. Analog Output Module

3.1. X20AO2437

HwId: 0xB785

Description: 2 Current Outputs, electrically isolated

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogStatus01	Unsigned8	
AnalogStatus02	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Unsigned16
AnalogOutput02		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0182	AnalogMode01	Unsigned16
0x0186	DACSlewrate01	Unsigned16
0x018A	AnalogMode02	Unsigned16
0x018E	DACSlewrate02	Unsigned16

3.1. X20AO2438

HwId: 0xB3AA

Description: 2 Current Outputs, HART Master

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogStatus01	Unsigned8	
AnalogStatus02	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Unsigned16
AnalogOutput02		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0182	AnalogMode01	Unsigned16
0x0186	DACSlewwrate01	Unsigned16
0x018A	AnalogMode02	Unsigned16
0x018E	DACSlewwrate02	Unsigned16

3.1. X20AO2622

HwId: 0x1BA2

Description: 2 Outputs ?10 V / 0 to 20 mA / 4 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

3.1. X20AO2632

HwId: 0x1BA4

Description: 2 Outputs ?10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000	ConfigOutput01	Unsigned16

3.1. X20AO2632-1

HwId: 0xC36E

Description: 2 Outputs ?11 V / 0 to 22 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000	ConfigOutput01	Unsigned16

3.1. X20AO4622

HwId: 0x1BA3

Description: 4 Outputs ?10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

3.1. X20AO4632

HwId: 0x1BA5

Description: 4 Outputs ?10 V / 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000	ConfigOutput01	Unsigned16

3.1. X20AO4632-1

HwId: 0xC36F

Description: 4 Outputs ?11 V / 0 to 22 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000	ConfigOutput01	Unsigned16

3.1. X20AO4635

HwId: 0xA7FE

Description: 4 Outputs ?10 V / 0 to 20 mA Low drift

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000	ConfigOutput01	Unsigned16

3.1. X20cAO2437

HwId: 0xE1F2

Description: Coated 2 Current Outputs, electrically isolated

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogStatus01	Unsigned8	
AnalogStatus02	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Unsigned16
AnalogOutput02		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0182		Unsigned16
0x0186		Unsigned16
0x018A		Unsigned16
0x018E		Unsigned16

3.1. X20cAO2438

HwId: 0xE211

Description: Coated 2 Current Outputs, HART Master

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogStatus01	Unsigned8	
AnalogStatus02	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Unsigned16
AnalogOutput02		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0182		Unsigned16
0x0186		Unsigned16
0x018A		Unsigned16
0x018E		Unsigned16

3.1. X20cAO4622

HwId: 0xE212

Description: Coated 4 Outputs ?10 V / 0 to 20 mA / 4 to 20 mA, 12 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

3.1. X20cAO4632

HwId: 0xD575

Description: Coated 4 Outputs ?10 V / 0 to 20 mA, 16 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000		Unsigned16

3.1. X20cAO4632-1

HwId: 0xE213

Description: Coated 4 Outputs ?11 V / 0 to 22 mA, 16 bit

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0000		Unsigned16

3.1. X20MM2436

HwId: 0x26B5

Description: 2x PWM - motor bridge, 3 A, 4x DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Counter01	Integer16	
Counter02	Integer16	
Inputs_X20MM2436_a	Unsigned8	
	Bit 0	StatusInput01
	Bit 1	StatusInput02
	Bit 2	StatusInput03
	Bit 3	StatusInput04
Inputs_X20MM2436_b	Unsigned8	
	Bit 0	UnderVoltageError
	Bit 1	OverVoltageError
	Bit 2	OvertemperatureError
	Bit 4	CurrentError01
	Bit 5	OverCurrentError01
	Bit 6	CurrentError02
	Bit 7	OverCurrentError02
Output		
Name	Input	Output
PeriodDurationPWM01PWM02		Unsigned16
PulseWidthCurrentPWM01		Integer16
PulseWidthCurrentPWM02		Integer16
Outputs_X20MM2436_a		Unsigned8
	Bit 0	ClearError01
	Bit 1	ClearError02
	Bit 6	DitherDisable01
	Bit 7	DitherDisable02
	Bit 4	CounterReset01
	Bit 5	CounterReset02

Acyclic registers		
Registeraddress	Name	Type
0x001E	ConfigOutput03	Unsigned8
0x001F	DecayConfig	Unsigned8
0x0012	ConfigOutput01	Unsigned8
0x0014	ConfigOutput02	Unsigned8
0x0026	CounterConfig01	Unsigned8
0x0027	CounterConfig02	Unsigned8
0x0026	CounterConfig01	Unsigned8
0x0027	CounterConfig02	Unsigned8

3.1. X20MM3332

HwId: 0xA982

Description: Full bridge, 3 x 3A, 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
CurrentInput01		Unsigned8	
CurrentInput02		Unsigned8	
CurrentInput03		Unsigned8	
Inputs_X20MM3332_a		Unsigned8	
	Bit 7	UndervoltageError	
	Bit 6	OvertemperatureError	
	Bit 0	OvercurrentError01	
	Bit 3	StatusDigitalOutput01	
	Bit 1	OvercurrentError02	
	Bit 4	StatusDigitalOutput02	
	Bit 2	OvercurrentError03	
	Bit 5	StatusDigitalOutput03	
Output			
Name		Input	Output
Outputs_X20MM3332_a			Unsigned8
	Bit 0		StartChannel01
	Bit 1		ShortCircuitChannel01
	Bit 2		DirectionChannel01
	Bit 4		StartChannel02
	Bit 5		ShortCircuitChannel02
	Bit 6		DirectionChannel02
Outputs_X20MM3332_b			Unsigned8
	Bit 0		StartChannel03
	Bit 1		ShortCircuitChannel03
	Bit 2		DirectionChannel03
Outputs_X20MM3332_c			Unsigned8
	Bit 7		UndervoltageAcknowledge
	Bit 6		OvertemperatureAcknowledge
	Bit 0		OvercurrentAcknowledge01
	Bit 1		OvercurrentAcknowledge02
	Bit 2		OvercurrentAcknowledge03

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

3.1. X20MM4331

HwId: 0xA976

Description: Half bridge, 4 x 3A, 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
CurrentInput01		Unsigned8	
CurrentInput02		Unsigned8	
CurrentInput03		Unsigned8	
CurrentInput04		Unsigned8	
Inputs_X20MM4331_a		Unsigned8	
	Bit 0	OvercurrentError01	
	Bit 4	StatusDigitalOutput01	
	Bit 1	OvercurrentError02	
	Bit 5	StatusDigitalOutput02	
	Bit 2	OvercurrentError03	
	Bit 6	StatusDigitalOutput03	
	Bit 3	OvercurrentError04	
	Bit 7	StatusDigitalOutput04	
Inputs_X20MM4331_b		Unsigned8	
	Bit 1	UndervoltageError	
	Bit 0	OvertemperatureError	
Output			
Name		Input	Output
Outputs_X20MM4331_a			Unsigned8
	Bit 0		StartChannel01
	Bit 1		ShortCircuitChannel01
	Bit 2		StartChannel02
	Bit 3		ShortCircuitChannel02
	Bit 4		StartChannel03
	Bit 5		ShortCircuitChannel03
	Bit 6		StartChannel04
	Bit 7		ShortCircuitChannel04
Outputs_X20MM4331_b			Unsigned8
	Bit 7		UndervoltageAcknowledge
	Bit 6		OvertemperatureAcknowledge
	Bit 0		OvercurrentAcknowledge01
	Bit 1		OvercurrentAcknowledge02
	Bit 2		OvercurrentAcknowledge03
	Bit 3		OvercurrentAcknowledge04

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

3.1. X20MM4456

HwId: 0xA177

Description: 4x PWM - motor bridge, 6 A, 4x4 DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Counter01	Integer16	
CounterLatch01	Integer16	
usSinceTrigger01	Unsigned16	
Inputs_X20MM4456_a	Unsigned8	
	Bit 0	StatusInput01
	Bit 1	StatusInput02
	Bit 2	StatusInput03
	Bit 3	StatusInput04
	Bit 4	nLatchPending01
	Bit 5	LatchDone01
	Bit 6	EndswitchReached01
	Bit 7	PWMError01
Inputs_X20MM4456_b	Unsigned8	
	Bit 5	UnderVoltageError
	Bit 6	VoltageWarning
	Bit 4	OverVoltageError
	Bit 7	OvertemperatureError
Counter02	Integer16	
CounterLatch02	Integer16	
usSinceTrigger02	Unsigned16	
Inputs_X20MM4456_c	Unsigned8	
	Bit 0	StatusInput05
	Bit 1	StatusInput06
	Bit 2	StatusInput07
	Bit 3	StatusInput08
	Bit 4	nLatchPending02
	Bit 5	LatchDone02
	Bit 6	EndswitchReached02
	Bit 7	PWMError02
Inputs_X20MM4456_d	Unsigned8	
	Bit 0	CurrentError01
	Bit 1	OverCurrentError01
	Bit 2	CurrentError02
	Bit 3	OverCurrentError02
	Bit 4	CurrentError03
	Bit 5	OverCurrentError03
	Bit 6	CurrentError04
	Bit 7	OverCurrentError04
Counter03	Integer16	
CounterLatch03	Integer16	
usSinceTrigger03	Unsigned16	
Inputs_X20MM4456_e	Unsigned8	
	Bit 0	StatusInput09
	Bit 1	StatusInput10
	Bit 2	StatusInput11
	Bit 3	StatusInput12
	Bit 4	nLatchPending03
	Bit 5	LatchDone03

Input			
Name		Input	Output
	Bit 6	EndswitchReached03	
	Bit 7	PWMError03	
Counter04		Integer16	
CounterLatch04		Integer16	
usSinceTrigger04		Unsigned16	
Inputs_X20MM4456_f		Unsigned8	
	Bit 0	StatusInput13	
	Bit 1	StatusInput14	
	Bit 2	StatusInput15	
	Bit 3	StatusInput16	
	Bit 4	nLatchPending04	
	Bit 5	LatchDone04	
	Bit 6	EndswitchReached04	
	Bit 7	PWMError04	
Output			
Name		Input	Output
PulseWidthCurrentPWM01			Integer16
Outputs_X20MM4456_a			Unsigned8
	Bit 0		TriggerEdge01
	Bit 1		StartTrigger01
	Bit 2		StartLatch01
	Bit 3		DitherDisable01
	Bit 4		ClearError01
	Bit 5		ShowMeanCurrent01
	Bit 6		ResetCounter01
PeriodDurationPWM			Unsigned16
PulseWidthCurrentPWM02			Integer16
Outputs_X20MM4456_b			Unsigned8
	Bit 0		TriggerEdge02
	Bit 1		StartTrigger02
	Bit 2		StartLatch02
	Bit 3		DitherDisable02
	Bit 4		ClearError02
	Bit 5		ShowMeanCurrent02
	Bit 6		ResetCounter02
PulseWidthCurrentPWM03			Integer16
Outputs_X20MM4456_c			Unsigned8
	Bit 0		TriggerEdge03
	Bit 1		StartTrigger03
	Bit 2		StartLatch03
	Bit 3		DitherDisable03
	Bit 4		ClearError03
	Bit 5		ShowMeanCurrent03
	Bit 6		ResetCounter03
PulseWidthCurrentPWM04			Integer16
Outputs_X20MM4456_d			Unsigned8
	Bit 0		TriggerEdge04
	Bit 1		StartTrigger04
	Bit 2		StartLatch04
	Bit 3		DitherDisable04
	Bit 4		ClearError04
	Bit 5		ShowMeanCurrent04
	Bit 6		ResetCounter04

Acyclic registers		
Registeraddress	Name	Type
0x0048	Configuration01	Unsigned16
0x0050	Configuration02	Unsigned16
0x0058	Configuration03	Unsigned16
0x0060	Configuration04	Unsigned16
0x0040	ConfigOutput01	Unsigned8
0x0041	ConfigOutput02	Unsigned8

3.1. X20SM1426

HwId: 0x2681

Description: 1x Stepper motor module 1A, 4 DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AbsPos01ActVal	Integer32	
MpGenStatus01	Unsigned16	
InputStatus	Unsigned8	
Output		
Name	Input	Output
AbsPos01		Integer32
MpGenControl01		Unsigned16
MpGenMode01		Integer8

Acyclic registers		
Registeraddress	Name	Type
0x0048	FullStepThreshold01	Unsigned16
0x0030	ConfigOutput03a	Unsigned8
0x0031	ConfigOutput04a	Unsigned8
0x0032	ConfigOutput05a	Unsigned8
0x0048	FullStepThreshold01	Unsigned16
0x0034	ConfigOutput16	Unsigned16
0x0036	MaxAcc01	Unsigned16
0x0038	MaxDec01	Unsigned16
0x003A	RevLoop01	Unsigned16
0x003C	FixedPos01a	Unsigned32
0x0040	PositionLatchedASync	Unsigned32
0x0044	RefSpeed01	Unsigned16
0x004A	StallRecognitionDelay01	Unsigned8
0x004B	JoltTime01	Unsigned8
0x0046	RefConfig01	Unsigned8
0x0033	StallDetectConfig01	Unsigned8
0x0132	GeneralConfig01	Unsigned8
0x0134	LimitSwitchConfig01	Unsigned8
0x0158	PositionLimitMin01	Unsigned32
0x015C	PositionLimitMax01	Unsigned32

3.1. X20SM1436

HwId: 0x2682

Description: 1x Stepper motor module 3A, 4 DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AbsPos01ActVal	Integer32	
MpGenStatus01	Unsigned16	
InputStatus	Unsigned8	
Output		
Name	Input	Output
AbsPos01		Integer32
MpGenControl01		Unsigned16
MpGenMode01		Integer8

Acyclic registers		
Registeraddress	Name	Type
0x0048	FullStepThreshold01	Unsigned16
0x0030	ConfigOutput03a	Unsigned8
0x0031	ConfigOutput04a	Unsigned8
0x0032	ConfigOutput05a	Unsigned8
0x0048	FullStepThreshold01	Unsigned16
0x0034	ConfigOutput16	Unsigned16
0x0036	MaxAcc01	Unsigned16
0x0038	MaxDec01	Unsigned16
0x003A	RevLoop01	Unsigned16
0x003C	FixedPos01a	Unsigned32
0x0040	PositionLatchedASync	Unsigned32
0x0044	RefSpeed01	Unsigned16
0x004A	StallRecognitionDelay01	Unsigned8
0x004B	JoltTime01	Unsigned8
0x0046	RefConfig01	Unsigned8
0x0033	StallDetectConfig01	Unsigned8
0x0132	GeneralConfig01	Unsigned8
0x0134	LimitSwitchConfig01	Unsigned8
0x0158	PositionLimitMin01	Unsigned32
0x015C	PositionLimitMax01	Unsigned32

3.1. X67AO1223

HwId: 0x16F3

Description: 4 Outputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

3.1. X67AO1223-1

HwId: 0xA345

Description: 4 Outputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

3.1. X67AO1323

HwId: 0x16F4

Description: 4 Outputs 0 to 20 mA

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16
AnalogOutput03		Integer16
AnalogOutput04		Integer16

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

3.1. X67MM2436

HwId: 0x2273

Description: 2x PWM - motor bridge, 3 A, 2x3 DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Counter01	Integer16	
Counter02	Integer16	
CounterLatch01	Integer16	
CounterLatch02	Integer16	
Inputs_X67MM2436_a	Unsigned8	
	Bit 0	StatusInput01
	Bit 1	StatusInput02
	Bit 2	StatusInput03
	Bit 3	StatusInput04
	Bit 4	StatusInput05
	Bit 5	StatusInput06
	Bit 6	StatusInput09
	Bit 7	StatusInput10
usSinceTrigger	Unsigned16	
Inputs_X67MM2436_b	Unsigned8	
	Bit 1	LatchDone01
	Bit 3	LatchDone02
	Bit 0	StatusInput07
	Bit 2	StatusInput08
	Bit 4	TriggerInput
Inputs_X67MM2436_c	Unsigned8	
	Bit 0	UnderVoltageError
	Bit 1	OverVoltageError
	Bit 2	OvertemperatureError
	Bit 4	OpenloadError01
	Bit 5	OverCurrentError01
	Bit 6	OpenloadError02
	Bit 7	OverCurrentError02
Output		
Name	Input	Output
PeriodDurationPWM01PWM02		Unsigned16
PulseWidthCurrentPWM01		Integer16
PulseWidthCurrentPWM02		Integer16
Outputs_X67MM2436_a		Unsigned8
	Bit 0	StartLatch01
	Bit 1	StartLatch02
	Bit 5	StartTrigger
	Bit 4	TriggerEdge
Outputs_X67MM2436_b		Unsigned8
	Bit 0	ClearError01
	Bit 1	ClearError02

Acyclic registers

Registeraddress	Name	Type
0x001E	ConfigOutput03	Unsigned8
0x0004	ConfigOutput04	Unsigned8
0x0012	ConfigOutput01	Unsigned8
0x0014	ConfigOutput02	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x001F	DecayConfig	Unsigned8

3.1. X67SM2436

HwId: 0x1DCB

Description: 2x Stepper motor module 3A, 2x3 DI

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AbsPos01ActVal	Integer32	
MpGenStatus01	Unsigned16	
InputStatus	Unsigned8	
AbsPos02ActVal	Integer32	
MpGenStatus02	Unsigned16	
Output		
Name	Input	Output
AbsPos01		Integer32
MpGenControl01		Unsigned16
MpGenMode01		Integer8
AbsPos02		Integer32
MpGenControl02		Unsigned16
MpGenMode02		Integer8

Acyclic registers		
Registeraddress	Name	Type
0x0048	FullStepThreshold01	Unsigned16
0x0088	FullStepThreshold02	Unsigned16
0x0030	ConfigOutput03a	Unsigned8
0x0031	ConfigOutput04a	Unsigned8
0x0032	ConfigOutput05a	Unsigned8
0x0070	ConfigOutput06a	Unsigned8
0x0071	ConfigOutput07a	Unsigned8
0x0072	ConfigOutput08a	Unsigned8
0x0048	FullStepThreshold01	Unsigned16
0x0088	FullStepThreshold02	Unsigned16
0x0034	ConfigOutput16	Unsigned16
0x0074	MaxSpeed02pos	Unsigned16
0x0036	MaxAcc01	Unsigned16
0x0038	MaxDec01	Unsigned16
0x0076	MaxAcc02	Unsigned16
0x0078	MaxDec02	Unsigned16
0x003A	RevLoop01	Unsigned16
0x007A	RevLoop02	Unsigned16
0x003C	FixedPos01a	Unsigned32
0x0040	Position1LatchedAsync	Unsigned32
0x007C	FixedPos02a	Unsigned32
0x0080	FixedPos02b	Unsigned32
0x0044	RefSpeed01	Unsigned16
0x0084	RefSpeed02	Unsigned16
0x004A	StallRecognitionDelay01	Unsigned8
0x008A	StallRecognitionDelay02	Unsigned8
0x004B	JoltTime01	Unsigned8
0x008B	JoltTime02	Unsigned8
0x0046	RefConfig01	Unsigned8
0x0086	RefConfig02	Unsigned8
0x0033	StallDetectConfig01	Unsigned8
0x0073	StallDetectConfig02	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0130	GeneralConfig01	Unsigned8
0x0132	LimitSwitchConfig01	Unsigned8
0x017C	PositionLimitMin01	Unsigned32
0x0180	PositionLimitMax01	Unsigned32
0x0134	LimitSwitchConfig02	Unsigned8
0x0184	PositionLimitMin02	Unsigned32
0x0188	PositionLimitMax02	Unsigned32

3.1. X67SM4320

HwId: 0x1DCC

Description: 4x Stepper motor module 1A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AbsPos01ActVal	Integer32	
MpGenStatus01	Unsigned16	
AbsPos02ActVal	Integer32	
MpGenStatus02	Unsigned16	
AbsPos03ActVal	Integer32	
MpGenStatus03	Unsigned16	
AbsPos04ActVal	Integer32	
MpGenStatus04	Unsigned16	
Output		
Name	Input	Output
AbsPos01		Integer32
MpGenControl01		Unsigned16
MpGenMode01		Integer8
AbsPos02		Integer32
MpGenControl02		Unsigned16
MpGenMode02		Integer8
AbsPos03		Integer32
MpGenControl03		Unsigned16
MpGenMode03		Integer8
AbsPos04		Integer32
MpGenControl04		Unsigned16
MpGenMode04		Integer8

Acyclic registers		
Registeraddress	Name	Type
0x0030	ConfigOutput03a	Unsigned8
0x0031	ConfigOutput04a	Unsigned8
0x0032	ConfigOutput05a	Unsigned8
0x0070	ConfigOutput06a	Unsigned8
0x0071	ConfigOutput07a	Unsigned8
0x0072	ConfigOutput08a	Unsigned8
0x00B0	ConfigOutput09a	Unsigned8
0x00B1	ConfigOutput10a	Unsigned8
0x00B2	ConfigOutput11a	Unsigned8
0x00F0	ConfigOutput12a	Unsigned8
0x00F1	ConfigOutput13a	Unsigned8
0x00F2	ConfigOutput14a	Unsigned8
0x0034	ConfigOutput03	Unsigned16
0x0074	MaxSpeed02	Unsigned16
0x00B4	MaxSpeed03	Unsigned16
0x00F4	MaxSpeed04	Unsigned16
0x0036	ConfigOutput05	Unsigned16
0x0038	ConfigOutput07	Unsigned16
0x0076	MaxAcc02	Unsigned16
0x0078	MaxDec02	Unsigned16
0x00B6	MaxAcc03	Unsigned16
0x00B8	MaxDec03	Unsigned16
0x00F6	MaxAcc04	Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x00F8	MaxDec04	Unsigned16
0x003A	ConfigOutput09	Unsigned16
0x007A	RevLoop02	Unsigned16
0x00BA	RevLoop03	Unsigned16
0x00FA	RevLoop04	Unsigned16
0x003C	ConfigOutput11	Unsigned32
0x0040	ConfigOutput01	Unsigned32
0x007C	FixedPos02a	Unsigned32
0x0080	FixedPos02b	Unsigned32
0x00BC	FixedPos03a	Unsigned32
0x00C0	FixedPos03b	Unsigned32
0x00FC	FixedPos04a	Unsigned32
0x0100	FixedPos04b	Unsigned32
0x0044	ConfigOutput16	Unsigned16
0x0084	RefSpeed02	Unsigned16
0x00C4	RefSpeed03	Unsigned16
0x0104	RefSpeed04	Unsigned16
0x004A	StallRecognitionDelay01	Unsigned8
0x008A	StallRecognitionDelay02	Unsigned8
0x00CA	StallRecognitionDelay03	Unsigned8
0x010A	StallRecognitionDelay04	Unsigned8
0x004B	JoltTime01	Unsigned8
0x008B	JoltTime02	Unsigned8
0x00CB	JoltTime03	Unsigned8
0x010B	JoltTime04	Unsigned8
0x0046	RefConfig01	Unsigned8
0x0086	RefConfig02	Unsigned8
0x00C6	RefConfig03	Unsigned8
0x0106	RefConfig04	Unsigned8
0x0033	StallDetectConfig01	Unsigned8
0x0073	StallDetectConfig02	Unsigned8
0x00B3	StallDetectConfig03	Unsigned8
0x00F3	StallDetectConfig04	Unsigned8
0x0134	GeneralConfig01	Unsigned8
0x01C0	PositionLimitMin01	Unsigned32
0x01C4	PositionLimitMax01	Unsigned32
0x01C8	PositionLimitMin02	Unsigned32
0x01CC	PositionLimitMax02	Unsigned32
0x01D0	PositionLimitMin03	Unsigned32
0x01D4	PositionLimitMax03	Unsigned32
0x01D8	PositionLimitMin04	Unsigned32
0x01DC	PositionLimitMax04	Unsigned32

4. Digital Input Module

4.1. X20cDI4371

HwId: 0xE21F

Description: Coated 4 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDI4371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

4.1. X20cDI4375

HwId: 0xE220

Description: Coated 4 Digital Inputs 24 VDC, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20cDI4375_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	StateDigitalInput01
	Bit 5	StateDigitalInput02
	Bit 6	StateDigitalInput03
	Bit 7	StateDigitalInput04
SampleTimeStamp	Unsigned32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0802		Unsigned16
0x0805		Unsigned8

4.1. X20cDI4760

HwId: 0xE221

Description: Coated 4 Digital Inputs, 8.05 VDC, Namur

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20cDI4760_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
Inputs_X20cDI4760_b	Unsigned8	
	Bit 6	OpenLine03
	Bit 7	OpenLine04
	Bit 2	ShortCircuit03
	Bit 3	ShortCircuit04
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010		Unsigned8

4.1. X20cDI6371

HwId: 0xE222

Description: Coated 6 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20cDI6371_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

4.1. X20cDI6372

HwId: 0xE223

Description: Coated 6 Digital Inputs 24 VDC, Source, IEC 61131-2, Type 1

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20cDI6372_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

4.1. X20cDI9371

HwId: 0xD574

Description: Coated 12 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDI9371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20cDI9371_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

4.1. X20cDI9372

HwId: 0xE224

Description: Coated 12 Digital Inputs 24 VDC, Source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDI9372_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20cDI9372_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

4.1. X20DI2371

HwId: 0x1B8D

Description: 2 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI2371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI2372

HwId: 0x22A7

Description: 2 Digital Inputs 24 VDC, Source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI2372_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI2377

HwId: 0x1B8E

Description: 2 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1, Counter

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI2377_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
Counter01		Unsigned16	
Counter02		Unsigned16	
Output			
Name		Input	Output
Outputs_X20DI2377_a			Unsigned8
	Bit 5		ResetCounter01
Outputs_X20DI2377_b			Unsigned8
	Bit 5		ResetCounter02

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI2377_C1

HwId: 0x1B8E

Description: 2 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1, Counter

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Counter01		Unsigned16	
Counter02		Unsigned16	
Inputs_X20DI2377_C1_a		Unsigned8	
	Bit 0	DigitalInput01Latch	
	Bit 1	DigitalInput02Latch	
Output			
Name		Input	Output
Outputs_X20DI2377_C1_a			Unsigned8
	Bit 5		ResetCounter01
Outputs_X20DI2377_C1_b			Unsigned8
	Bit 5		ResetCounter02
Outputs_X20DI2377_C1_c			Unsigned8
	Bit 0		DigitalInput01LatchQuitt
	Bit 1		DigitalInput02LatchQuitt

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI2653

HwId: 0x2544

Description: 2 Digital Inputs, 100-240VAC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI2653_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 7	PowerSupply	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI4371

HwId: 0x1B92

Description: 4 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI4371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI4372

HwId: 0x22A8

Description: 4 Digital Inputs 24 VDC, Source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI4372_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI4375

HwId: 0xA911

Description: 4 Digital Inputs 24 VDC, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DI4375_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	StateDigitalInput01
	Bit 5	StateDigitalInput02
	Bit 6	StateDigitalInput03
	Bit 7	StateDigitalInput04
SampleTimeStamp	Unsigned32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0802	ConfigOutput01	Unsigned16
0x0805	ConfigOutput02	Unsigned8

4.1. X20DI4653

HwId: 0x2545

Description: 4 Digital Inputs, 100-240VAC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DI4653_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 7	PowerSupply
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI4760

HwId: 0x2105

Description: 4x Namur IN, 8.05 VDC

Input		
Name		Input
ModuleOK		Unsigned8
Inputs_X20DI4760_a		Unsigned8
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
Inputs_X20DI4760_b		Unsigned8
	Bit 6	OpenLine03
	Bit 7	OpenLine04
	Bit 2	ShortCircuit03
	Bit 3	ShortCircuit04
Output		
Name		Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8

4.1. X20DI6371

HwId: 0x1B93

Description: 6 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI6371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI6372

HwId: 0x1B94

Description: 6 Digital Inputs 24 VDC, Source, IEC 61131-2, Type 1

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DI6372_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI6373

HwId: 0xA7A2

Description: 6 Digital Inputs 24 VDC electrically isolated, Sink/Source

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DI6373_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI6553

HwId: 0x256F

Description: 6 Digital Inputs, 100-120VAC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI6553_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 7	PowerSupply	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI8371

HwId: 0xA4AB

Description: 8 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI8371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI9371

HwId: 0x1B95

Description: 12 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI9371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20DI9371_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DI9372

HwId: 0x1D28

Description: 12 Digital Inputs 24 VDC, Source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI9372_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20DI9372_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DID371

HwId: 0xC0E7

Description: 8 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DID371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X20DIF371

HwId: 0xC0E8

Description: 16 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DIF371_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
	Bit 6	DigitalInput07
	Bit 7	DigitalInput08
Inputs_X20DIF371_b	Unsigned8	
	Bit 0	DigitalInput09
	Bit 1	DigitalInput10
	Bit 2	DigitalInput11
	Bit 3	DigitalInput12
	Bit 4	DigitalInput13
	Bit 5	DigitalInput14
	Bit 6	DigitalInput15
	Bit 7	DigitalInput16
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

4.1. X67DI1371

HwId: 0x1434

Description: 8 Inputs 24 VDC, 1 ms

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DI1371_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

4.1. X67DI1371.L08

HwId: 0x1A1A

Description: 16 Inputs 24 VDC, 1 ms

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DI1371.L08_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
	Bit 6	DigitalInput07
	Bit 7	DigitalInput08
Inputs_X67DI1371.L08_b	Unsigned8	
	Bit 0	DigitalInput09
	Bit 1	DigitalInput10
	Bit 2	DigitalInput11
	Bit 3	DigitalInput12
	Bit 4	DigitalInput13
	Bit 5	DigitalInput14
	Bit 6	DigitalInput15
	Bit 7	DigitalInput16
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

4.1. X67DI1371.L12

HwId: 0x1A1B

Description: 16 Inputs 24 VDC, 1 ms

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DI1371.L12_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
	Bit 6	DigitalInput07
	Bit 7	DigitalInput08
Inputs_X67DI1371.L12_b	Unsigned8	
	Bit 0	DigitalInput09
	Bit 1	DigitalInput10
	Bit 2	DigitalInput11
	Bit 3	DigitalInput12
	Bit 4	DigitalInput13
	Bit 5	DigitalInput14
	Bit 6	DigitalInput15
	Bit 7	DigitalInput16
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

4.1. X67DI1372

HwId: 0xC5E9

Description: 8 Inputs 24 VDC, 1 ms

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DI1372_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5. Digital Output Module

5.1. X20cDO4332

HwId: 0xE227

Description: Coated 4 Outputs 24 VDC / 2 A, Source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO4332_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
Output			
Name		Input	Output
Outputs_X20cDO4332_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20cDO6321

HwId: 0xE228

Description: Coated 6 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO6321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
Output			
Name		Input	Output
Outputs_X20cDO6321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20cDO6639

HwId: 0xE22A

Description: Coated 6 Outputs, 30 VDC / 250 VAC / 2 A, N.O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20cDO6639_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20cDO8331

HwId: 0xE22B

Description: Coated 8 Outputs 24 VDC / 2 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO8331_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20cDO8331_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20cDO9321

HwId: 0xE22D

Description: Coated 12 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO9321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20cDO9321_b		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
Output			
Name		Input	Output
Outputs_X20cDO9321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20cDO9321_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20cDO9322

HwId: 0xD578

Description: Coated 12 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO9322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20cDO9322_b		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
Output			
Name		Input	Output
Outputs_X20cDO9322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20cDO9322_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO2321

HwId: 0x22B3

Description: 2 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO2321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
Output			
Name		Input	Output
Outputs_X20DO2321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO2322

HwId: 0x1B96

Description: 2 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO2322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
Output			
Name		Input	Output
Outputs_X20DO2322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO2623

HwId: 0x267B

Description: 2 Outputs 100 - 240 VAC / 1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO2623_a		Unsigned8	
	Bit 0	ZeroCrossingInput	
	Bit 4	ZeroCrossingStatus	
Output			
Name		Input	Output
Outputs_X20DO2623_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02

Acyclic registers		
Registeraddress	Name	Type
0x001C	ConfigOutput01	Unsigned8

5.1. X20DO2649

HwId: 0x20DA

Description: 2 Outputs, 30 VDC / 250 VAC / 5 A, C.O.

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20DO2649_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4321

HwId: 0x22B4

Description: 4 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
Output			
Name		Input	Output
Outputs_X20DO4321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4322

HwId: 0x1B97

Description: 4 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
Output			
Name		Input	Output
Outputs_X20DO4322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4331

HwId: 0x22B5

Description: 4 Outputs 24 VDC / 2 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4331_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
Output			
Name		Input	Output
Outputs_X20DO4331_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4332

HwId: 0x1B9C

Description: 4 Outputs 24 VDC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4332_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
Output			
Name		Input	Output
Outputs_X20DO4332_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4529

HwId: 0x20D9

Description: 4 Outputs, 30 VDC / 1 A, 115 VAC / 0.5 A, C.O.

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20DO4529_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO4623

HwId: 0x267C

Description: 4 Outputs 100 - 240 VAC / 0,5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4623_a		Unsigned8	
	Bit 0	ZeroCrossingInput	
	Bit 4	ZeroCrossingStatus	
Output			
Name		Input	Output
Outputs_X20DO4623_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
0x001C	ConfigOutput01	Unsigned8

5.1. X20DO4649

HwId: 0xA704

Description: 4 Outputs, 30 VDC / 250 VAC / 5 A, N.O.

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20DO4649_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO6321

HwId: 0x1B99

Description: 6 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO6321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
Output			
Name		Input	Output
Outputs_X20DO6321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO6322

HwId: 0x1B98

Description: 6 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO6322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
Output			
Name		Input	Output
Outputs_X20DO6322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO6325

HwId: 0xE284

Description: 6 Outputs 24 VDC / 0.5 A, source, Monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DO6325_a	Unsigned8	
Bit 0	DigitalStatusGnd01	
Bit 1	DigitalStatusGnd02	
Bit 2	DigitalStatusGnd03	
Bit 3	DigitalStatusGnd04	
Bit 4	DigitalStatusGnd05	
Bit 5	DigitalStatusGnd06	
Inputs_X20DO6325_b	Unsigned8	
Bit 0	DigitalStatusVcc01	
Bit 1	DigitalStatusVcc02	
Bit 2	DigitalStatusVcc03	
Bit 3	DigitalStatusVcc04	
Bit 4	DigitalStatusVcc05	
Bit 5	DigitalStatusVcc06	
Inputs_X20DO6325_c	Unsigned8	
Bit 0	DigitalStatusBw01	
Bit 1	DigitalStatusBw02	
Bit 2	DigitalStatusBw03	
Bit 3	DigitalStatusBw04	
Bit 4	DigitalStatusBw05	
Bit 5	DigitalStatusBw06	
Inputs_X20DO6325_d	Unsigned8	
Bit 0	DigitalStatusSum01	
Bit 1	DigitalStatusSum02	
Bit 2	DigitalStatusSum03	
Bit 3	DigitalStatusSum04	
Bit 4	DigitalStatusSum05	
Bit 5	DigitalStatusSum06	
Bit 7	PowerSupply01	
Output		
Name	Input	Output
Outputs_X20DO6325_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
0x0004		Unsigned8

5.1. X20DO6529

HwId: 0x2019

Description: 6 Outputs, 30 VDC / 1 A, 115 VAC / 0.5 A, N.O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20DO6529_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO6639

HwId: 0xDF50

Description: 6 Outputs, 30 VDC / 250 VAC / 2 A, N.O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Output			
Name		Input	Output
Outputs_X20DO6639_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8232

HwId: 0xA4AD

Description: 8 Outputs 12 VDC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO8232_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20DO8232_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8232_C1

HwId: 0xA4AD

Description: 8 Outputs 12 VDC / 2 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DO8232_C1_a	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X20DO8232_C1_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X20DO8232_C1_b		Unsigned8
Bit 0		DigitalOutput01Delayed
Bit 1		DigitalOutput02Delayed
Bit 2		DigitalOutput03Delayed
Bit 3		DigitalOutput04Delayed
Bit 4		DigitalOutput05Delayed
Bit 5		DigitalOutput06Delayed
Bit 6		DigitalOutput07Delayed
Bit 7		DigitalOutput08Delayed
Outputs_X20DO8232_C1_c		Unsigned8
Bit 0		DigitalOutput01DelayEnable
Bit 1		DigitalOutput02DelayEnable
Bit 2		DigitalOutput03DelayEnable
Bit 3		DigitalOutput04DelayEnable
Bit 4		DigitalOutput05DelayEnable
Bit 5		DigitalOutput06DelayEnable
Bit 6		DigitalOutput07DelayEnable
Bit 7		DigitalOutput08DelayEnable
OutputDelayTime		Unsigned8

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8322

HwId: 0xA4AC

Description: 8 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO8322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20DO8322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8323

HwId: 0xDF4E

Description: 8 Outputs 24 VDC / 0.5 A, sink/source

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO8323_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20DO8323_b		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20DO8323_c		Unsigned8	
	Bit 0	StatusDigitalOutputs	
	Bit 4	StatusSupplyLO	
	Bit 5	StatusSupplyHI	
Output			
Name		Input	Output
Outputs_X20DO8323_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DO8323_b			Unsigned8
	Bit 0		EnabDigitalOutput01
	Bit 1		EnabDigitalOutput02
	Bit 2		EnabDigitalOutput03
	Bit 3		EnabDigitalOutput04
	Bit 4		EnabDigitalOutput05
	Bit 5		EnabDigitalOutput06
	Bit 6		EnabDigitalOutput07
	Bit 7		EnabDigitalOutput08

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8331

HwId: 0x22EB

Description: 8 Outputs 24 VDC / 2 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO8331_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20DO8331_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8331_C1

HwId: 0x22EB

Description: 8 Outputs 24 VDC / 2 A, Sink

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DO8331_C1_a	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X20DO8331_C1_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X20DO8331_C1_b		Unsigned8
Bit 0		DigitalOutput01Delayed
Bit 1		DigitalOutput02Delayed
Bit 2		DigitalOutput03Delayed
Bit 3		DigitalOutput04Delayed
Bit 4		DigitalOutput05Delayed
Bit 5		DigitalOutput06Delayed
Bit 6		DigitalOutput07Delayed
Bit 7		DigitalOutput08Delayed
Outputs_X20DO8331_C1_c		Unsigned8
Bit 0		DigitalOutput01DelayEnable
Bit 1		DigitalOutput02DelayEnable
Bit 2		DigitalOutput03DelayEnable
Bit 3		DigitalOutput04DelayEnable
Bit 4		DigitalOutput05DelayEnable
Bit 5		DigitalOutput06DelayEnable
Bit 6		DigitalOutput07DelayEnable
Bit 7		DigitalOutput08DelayEnable
OutputDelayTime		Unsigned8

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8332

HwId: 0x1B9D

Description: 8 Outputs 24 VDC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO8332_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20DO8332_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO8332_C1

HwId: 0x1B9D

Description: 8 Outputs 24 VDC / 2 A

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DO8332_C1_a	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X20DO8332_C1_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X20DO8332_C1_b		Unsigned8
Bit 0		DigitalOutput01Delayed
Bit 1		DigitalOutput02Delayed
Bit 2		DigitalOutput03Delayed
Bit 3		DigitalOutput04Delayed
Bit 4		DigitalOutput05Delayed
Bit 5		DigitalOutput06Delayed
Bit 6		DigitalOutput07Delayed
Bit 7		DigitalOutput08Delayed
Outputs_X20DO8332_C1_c		Unsigned8
Bit 0		DigitalOutput01DelayEnable
Bit 1		DigitalOutput02DelayEnable
Bit 2		DigitalOutput03DelayEnable
Bit 3		DigitalOutput04DelayEnable
Bit 4		DigitalOutput05DelayEnable
Bit 5		DigitalOutput06DelayEnable
Bit 6		DigitalOutput07DelayEnable
Bit 7		DigitalOutput08DelayEnable
OutputDelayTime		Unsigned8

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO9321

HwId: 0x1B9B

Description: 12 Outputs 24 VDC / 0.5 A, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO9321_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20DO9321_b		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
Output			
Name		Input	Output
Outputs_X20DO9321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DO9321_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DO9322

HwId: 0x1B9A

Description: 12 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO9322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20DO9322_b		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
Output			
Name		Input	Output
Outputs_X20DO9322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DO9322_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X20DOD322

HwId: 0xC0E9

Description: 8 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DOD322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X20DOD322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X20DOF322

HwId: 0xC0EA

Description: 16 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DOF322_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X20DOF322_b		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X20DOF322_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DOF322_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

5.1. X67DO1332

HwId: 0x1467

Description: 8 Outputs 24 VDC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DO1332_a		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X67DO1332_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

5.1. X67DO9332.L12

HwId: 0x2658

Description: 8 Outputs 24 VDC / 2 A

Input		
Name		Input
ModuleOK		Unsigned8
Inputs_X67DO9332.L12_a		Unsigned8
	Bit 0	StatusSupplyOutput01
	Bit 1	StatusSupplyOutput02
	Bit 2	StatusSupplyOutput03
	Bit 3	StatusSupplyOutput04
	Bit 4	StatusSupplyOutput05
	Bit 5	StatusSupplyOutput06
	Bit 6	StatusSupplyOutput07
	Bit 7	StatusSupplyOutput08
Inputs_X67DO9332.L12_b		Unsigned8
	Bit 0	StatusDigitalOutput01
	Bit 1	StatusDigitalOutput02
	Bit 2	StatusDigitalOutput03
	Bit 3	StatusDigitalOutput04
	Bit 4	StatusDigitalOutput05
	Bit 5	StatusDigitalOutput06
	Bit 6	StatusDigitalOutput07
	Bit 7	StatusDigitalOutput08
Output		
Name		Output
Outputs_X67DO9332.L12_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DigitalOutput05
	Bit 5	DigitalOutput06
	Bit 6	DigitalOutput07
	Bit 7	DigitalOutput08

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

6. Mixed Module

6.1. X20CM0985

HwId: 0x2433

Description: Energiemessmodul , 13 AI, 6 DO

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
AnalogInput05	Integer16	
AnalogInput06	Unsigned16	
AnalogInput07	Integer16	
AnalogInput08	Integer16	
AnalogInput09	Integer16	
AnalogInput10	Integer16	
AnalogInput11	Integer16	
AnalogInput12	Integer16	
AnalogInput13	Integer16	
AnalogInput14	Integer16	
AnalogInput15	Integer16	
AnalogInput16	Integer16	
AnalogInput17	Integer16	
AnalogInput18	Integer16	
AnalogInput19	Integer16	
AnalogInput20	Integer16	
AnalogInput21	Integer16	
AnalogInput22	Integer16	
AnalogInput23	Integer16	
AnalogInput24	Unsigned16	
AnalogInput25	Integer16	
AnalogInput26	Integer16	
AnalogInput27	Unsigned16	
AnalogInput28	Unsigned16	
AnalogInput29	Integer16	
AnalogInput30	Integer16	
Inputs_X20CM0985_a	Unsigned16	
	Bit 8	StatusInput01
	Bit 9	StatusInput02
	Bit 10	StatusInput03
	Bit 11	StatusInput04
	Bit 12	StatusInput05
	Bit 13	StatusInput06
	Bit 14	StatusInput07
	Bit 15	StatusInput08
	Bit 0	StatusInput09
	Bit 1	StatusInput10
	Bit 2	StatusInput11
	Bit 3	StatusInput12
	Bit 4	StatusInput13

Input			
Name		Input	Output
	Bit 5	StatusInput14	
	Bit 6	StatusInput15	
Inputs_X20CM0985_b		Unsigned16	
	Bit 8	StatusDigitalOutput01	
	Bit 0	StatusDigitalOutput02	
	Bit 1	StatusDigitalOutput03	
	Bit 2	StatusDigitalOutput04	
	Bit 3	StatusDigitalOutput05	
	Bit 4	StatusDigitalOutput06	
	Bit 7	StatusInput16	
	Bit 6	StatusInput17	
Output			
Name		Input	Output
Outputs_X20CM0985_a			Unsigned16
	Bit 8		DigitalOutput05
	Bit 9		DigitalOutput06
Outputs_X20CM0985_b			Unsigned16
	Bit 8		ConfigOutput17
	Bit 9		ConfigOutput18
	Bit 10		ConfigOutput19

Acyclic registers		
Registeraddress	Name	Type
0x0A5E	ConfigOutput56	Unsigned16
0x0A01	ConfigOutput20	Unsigned8
0x0A03	ConfigOutput21	Unsigned8
0x0A05	ConfigOutput22	Unsigned8
0x0A07	ConfigOutput23	Unsigned8
0x0A09	ConfigOutput24	Unsigned8
0x0A0B	ConfigOutput25	Unsigned8
0x0A8A	ConfigOutput57	Unsigned16
0x0A12	ConfigOutput01	Unsigned16
0x0A16	ConfigOutput02	Unsigned16
0x0A1A	ConfigOutput03	Unsigned16
0x0A1E	ConfigOutput04	Unsigned16
0x0A22	ConfigOutput05	Unsigned16
0x0A26	ConfigOutput06	Unsigned16
0x0A2A	ConfigOutput07	Unsigned16
0x0A2E	ConfigOutput08	Unsigned16
0x0A32	ConfigOutput09	Unsigned16
0x0A36	ConfigOutput10	Unsigned16
0x0ADE	ConfigOutput41	Unsigned16
0x0AE6	ConfigOutput46	Unsigned16
0x0A62	ConfigOutput16	Unsigned16
0x0A96	ConfigOutput26	Unsigned16
0x0A66	ConfigOutput27	Unsigned16
0x0A9E	ConfigOutput28	Unsigned16
0x0A6A	ConfigOutput29	Unsigned16
0x0AA6	ConfigOutput30	Unsigned16
0x0A6E	ConfigOutput31	Unsigned16
0x0AAE	ConfigOutput32	Unsigned16
0x0A72	ConfigOutput33	Unsigned16
0x0AB6	ConfigOutput34	Unsigned16
0x0AD6	ConfigOutput35	Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0A76	ConfigOutput36	Unsigned16
0x0ABE	ConfigOutput37	Unsigned16
0x0A7A	ConfigOutput38	Unsigned16
0x0AC6	ConfigOutput39	Unsigned16
0x0A7E	ConfigOutput42	Unsigned16
0x0A82	ConfigOutput43	Unsigned16
0x0A86	ConfigOutput44	Unsigned16
0x0ACE	ConfigOutput45	Unsigned16
0x0A42	ConfigOutput11	Unsigned16
0x0A46	ConfigOutput12	Unsigned16
0x0A4A	ConfigOutput13	Unsigned16
0x0A4E	ConfigOutput14	Unsigned16
0x0A3A	ConfigOutput15	Unsigned16
0x0A5A	ConfigOutput40	Unsigned16
0x0AEA	ConfigOutput47	Unsigned16
0x0AEE	ConfigOutput48	Unsigned16
0x0A3E	ConfigOutput58	Unsigned16

6.1. X20CM1201

HwId: 0x21EF

Description: Counter, 1x AB, 3x Input, 3x Output, 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
ReadStatus	Unsigned8	
ReadIndex	Unsigned8	
ReadData	Integer32	
Output		
Name	Input	Output
SendCommand		Unsigned8
SendCommandParam		Unsigned8
SendData		Integer32

Acyclic registers		
Registeraddress	Name	Type
0x0082	CycleTimeCfg	Unsigned16

6.1. X20CM1941

HwId: 0x1E85

Description: Resolver

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Position	Integer32	
StatusInput	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0016	ConfigOutput02	Unsigned8
0x0014	ConfigOutput01	Unsigned16

6.1. X20CM8281

HwId: 0x24C3

Description: 4xDI, 2xDA, 1xAI, 1xAO

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20CM8281_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	StatusDigitalOutput01
	Bit 5	StatusDigitalOutput02
Counter01	Unsigned16	
Counter02	Unsigned16	
AnalogInput01	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
Outputs_X20CM8281_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
AnalogOutput01		Integer16
Outputs_X20CM8281_b		Unsigned8
	Bit 4	ResetCounter01
	Bit 5	ResetCounter02

Acyclic registers		
Registeraddress	Name	Type
0x000C	ConfigOutput01	Unsigned8
0x0016	ConfigOutput03	Unsigned8
0x0018	ConfigOutput04	Unsigned8
0x001A	ConfigOutput05	Unsigned16
0x001C	ConfigOutput06	Unsigned16

6.1. X20CM8323

HwId: 0x1D43

Description: 8 channel PWM-Valve switch

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Unsigned8	
AnalogInput02	Unsigned8	
AnalogInput03	Unsigned8	
AnalogInput04	Unsigned8	
AnalogInput05	Unsigned8	
AnalogInput06	Unsigned8	
AnalogInput07	Unsigned8	
AnalogInput08	Unsigned8	
AnalogInput09	Unsigned8	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
Outputs_X20CM8323_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DigitalOutput05
	Bit 5	DigitalOutput06
	Bit 6	DigitalOutput07
	Bit 7	DigitalOutput08
StatusOutput01		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x000C	ConfigOutput02	Unsigned8
0x000D	ConfigOutput03	Unsigned8
0x000E	ConfigOutput04	Unsigned8
0x000F	ConfigOutput05	Unsigned8
0x0010	ConfigOutput06	Unsigned8
0x0011	ConfigOutput07	Unsigned8
0x0012	ConfigOutput08	Unsigned8
0x0013	ConfigOutput09	Unsigned8
0x0014	ConfigOutput10	Unsigned8
0x0015	ConfigOutput11	Unsigned8
0x0016	ConfigOutput12	Unsigned8
0x0017	ConfigOutput13	Unsigned8
0x0018	ConfigOutput14	Unsigned8
0x0019	ConfigOutput15	Unsigned8
0x001A	ConfigOutput16	Unsigned8
0x001B	ConfigOutput17	Unsigned8
0x001C	ConfigOutput18	Unsigned8
0x001D	ConfigOutput19	Unsigned8
0x001E	ConfigOutput20	Unsigned8
0x0026	ConfigOutput21	Unsigned8

6.1. X20CM8323_C1

HwId: 0x1D43

Description: 8 channel PWM-Valve switch

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Unsigned8	
AnalogInput02	Unsigned8	
AnalogInput03	Unsigned8	
AnalogInput04	Unsigned8	
AnalogInput05	Unsigned8	
AnalogInput06	Unsigned8	
AnalogInput07	Unsigned8	
AnalogInput08	Unsigned8	
AnalogInput09	Unsigned8	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
DigitalOutput		Unsigned8
StatusOutput01		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x000C	ConfigOutput02	Unsigned8
0x000D	ConfigOutput03	Unsigned8
0x000E	ConfigOutput04	Unsigned8
0x000F	ConfigOutput05	Unsigned8
0x0010	ConfigOutput06	Unsigned8
0x0011	ConfigOutput07	Unsigned8
0x0012	ConfigOutput08	Unsigned8
0x0013	ConfigOutput09	Unsigned8
0x0014	ConfigOutput10	Unsigned8
0x0015	ConfigOutput11	Unsigned8
0x0016	ConfigOutput12	Unsigned8
0x0017	ConfigOutput13	Unsigned8
0x0018	ConfigOutput14	Unsigned8
0x0019	ConfigOutput15	Unsigned8
0x001A	ConfigOutput16	Unsigned8
0x001B	ConfigOutput17	Unsigned8
0x001C	ConfigOutput18	Unsigned8
0x001D	ConfigOutput19	Unsigned8
0x001E	ConfigOutput20	Unsigned8
0x0026	ConfigOutput21	Unsigned8

6.1. X20DC1176

HwId: 0xA706

Description: Counter, 1x ABR, 5 V, 600 kHz, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC1176_a	Unsigned8	
Bit 0	PowerSupply01	
Bit 1	PowerSupply02	
Inputs_X20DC1176_b	Unsigned8	
Bit 0	BW_Channel_A	
Bit 1	BW_Channel_B	
Bit 2	BW_Channel_R	
Inputs_X20DC1176_c	Unsigned8	
Bit 0	Encoder01_A	
Bit 1	Encoder01_B	
Bit 2	Encoder01_R	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01LatchCount	Integer8	
Encoder01	Integer16	
Encoder01Latch	Integer16	
Output		
Name	Input	Output
Outputs_X20DC1176_a		Unsigned8
Bit 0		BW_QuitChannel_A
Bit 1		BW_QuitChannel_B
Bit 2		BW_QuitChannel_R
Outputs_X20DC1176_b		Unsigned8
Bit 0		Encoder01Reset
Bit 1		Encoder01LatchEnable

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SIFrameGenID	Unsigned8
0x0282	CfO_SystemCycleTime	Unsigned16
0x0301	CfO_PhyIOConfigCh01	Unsigned8
0x0303	CfO_PhyIOConfigCh02	Unsigned8
0x0305	CfO_PhyIOConfigCh03	Unsigned8
0x0309	CfO_PhyIOConfigCh04	Unsigned8
0x030B	CfO_PhyIOConfigCh05	Unsigned8
0x1801	CfO_CounterCycleSelect	Unsigned8
0x1803	CfO_CounterMode	Unsigned8
0x1805	CfO_LatchMode	Unsigned8
0x1807	CfO_LatchComparator	Unsigned8
0x0334	CfO_BWQuitTime_0	Unsigned32
0x032F	CfO_BWQuitTimeSelChannel7_0	Unsigned8
0x180F	CfO_BWCNTEnableMaskChannel7_0	Unsigned8

6.1. X20DC1198

HwId: 0x1BB0

Description: Counter, 1x SSI, 5 V, 1 Mbit/s

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC1198_a	Unsigned8	
Bit 0	PowerSupply01	
Bit 1	PowerSupply02	
Inputs_X20DC1198_b	Unsigned8	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01	Unsigned32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0100	ConfigOutput01	Unsigned8
0x0102	ConfigOutput02	Unsigned8
0x0040	ConfigOutput03	Unsigned8
0x0042	ConfigOutput04	Unsigned8
0x004A	ConfigOutput05	Unsigned8
0x0000	ConfigOutput07	Unsigned8
0x0002	ConfigOutput08	Unsigned8
0x0008	ConfigOutput09	Unsigned8
0x000A	ConfigOutput10	Unsigned8
0x1C00	ConfigOutput13	Unsigned16
0x1C04	ConfigAdvanced	Unsigned32

6.1. X20DC11A6

HwId: 0xB76B

Description: Counter, 1x ABR, 5 V, 5 MHz, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC11A6_a	Unsigned8	
Bit 0	PowerSupply01	
Bit 1	PowerSupply02	
Inputs_X20DC11A6_b	Unsigned8	
Bit 0	BW_Channel_A	
Bit 1	BW_Channel_B	
Bit 2	BW_Channel_R	
Inputs_X20DC11A6_c	Unsigned8	
Bit 0	Encoder01_A	
Bit 1	Encoder01_B	
Bit 2	Encoder01_R	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01LatchCount	Integer8	
Encoder01	Integer16	
Encoder01Latch	Integer16	
Output		
Name	Input	Output
Outputs_X20DC11A6_a		Unsigned8
Bit 0		BW_QuitChannel_A
Bit 1		BW_QuitChannel_B
Bit 2		BW_QuitChannel_R
Outputs_X20DC11A6_b		Unsigned8
Bit 0		Encoder01Reset
Bit 1		Encoder01LatchEnable

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SIFrameGenID	Unsigned8
0x0282	CfO_SystemCycleTime	Unsigned16
0x0301	CfO_PhyIOConfigCh01	Unsigned8
0x0303	CfO_PhyIOConfigCh02	Unsigned8
0x0305	CfO_PhyIOConfigCh03	Unsigned8
0x0309	CfO_PhyIOConfigCh04	Unsigned8
0x030B	CfO_PhyIOConfigCh05	Unsigned8
0x1801	CfO_CounterCycleSelect	Unsigned8
0x1803	CfO_CounterMode	Unsigned8
0x1805	CfO_LatchMode	Unsigned8
0x1807	CfO_LatchComparator	Unsigned8
0x0334	CfO_BWQuitTime_0	Unsigned32
0x032F	CfO_BWQuitTimeSelChannel7_0	Unsigned8
0x180F	CfO_BWCNTEnableMaskChannel7_0	Unsigned8

6.1. X20DC1376

HwId: 0xA705

Description: Counter, 1x ABR, 24 V, 100 kHz, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC1376_a	Unsigned8	
Bit 0	PowerSupply01	
Inputs_X20DC1376_b	Unsigned8	
Bit 0	BW_Channel_A	
Bit 1	BW_Channel_B	
Bit 2	BW_Channel_R	
Inputs_X20DC1376_c	Unsigned8	
Bit 0	Encoder01_A	
Bit 1	Encoder01_B	
Bit 2	Encoder01_R	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01LatchCount	Integer8	
Encoder01	Integer16	
Encoder01Latch	Integer16	
Output		
Name	Input	Output
Outputs_X20DC1376_a		Unsigned8
Bit 0		BW_QuitChannel_A
Bit 1		BW_QuitChannel_B
Bit 2		BW_QuitChannel_R
Outputs_X20DC1376_b		Unsigned8
Bit 0		Encoder01Reset
Bit 1		Encoder01LatchEnable

Acyclic registers

Registeraddress	Name	Type
0x0201	CfO_SIframeGenID	Unsigned8
0x0282	CfO_SystemCycleTime	Unsigned16
0x0301	CfO_PhyIOConfigCh01	Unsigned8
0x0303	CfO_PhyIOConfigCh02	Unsigned8
0x0305	CfO_PhyIOConfigCh03	Unsigned8
0x0309	CfO_PhyIOConfigCh04	Unsigned8
0x030B	CfO_PhyIOConfigCh05	Unsigned8
0x1801	CfO_CounterCycleSelect	Unsigned8
0x1803	CfO_CounterMode	Unsigned8
0x1805	CfO_LatchMode	Unsigned8
0x1807	CfO_LatchComparator	Unsigned8
0x0334	CfO_BWQuitTime_0	Unsigned32
0x032F	CfO_BWQuitTimeSelChannel7_0	Unsigned8
0x180F	CfO_BWCNTEnableMaskChannel7_0	Unsigned8

6.1. X20DC137A

HwId: 0xDD28

Description: Counter, 1x ABR, 24 V diff., 300 kHz, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC137A_a	Unsigned8	
Bit 0	PowerSupply01	
Inputs_X20DC137A_b	Unsigned8	
Bit 0	BW_Channel_A	
Bit 1	BW_Channel_B	
Bit 2	BW_Channel_R	
Inputs_X20DC137A_c	Unsigned8	
Bit 0	Encoder01_A	
Bit 1	Encoder01_B	
Bit 2	Encoder01_R	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01LatchCount	Integer8	
Encoder01	Integer16	
Encoder01Latch	Integer16	
Output		
Name	Input	Output
Outputs_X20DC137A_a		Unsigned8
Bit 0		BW_QuitChannel_A
Bit 1		BW_QuitChannel_B
Bit 2		BW_QuitChannel_R
Outputs_X20DC137A_b		Unsigned8
Bit 0		Encoder01Reset
Bit 1		Encoder01LatchEnable

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SIFrameGenID	Unsigned8
0x0282	CfO_SystemCycleTime	Unsigned16
0x0301	CfO_PhyIOConfigCh01	Unsigned8
0x0303	CfO_PhyIOConfigCh02	Unsigned8
0x0305	CfO_PhyIOConfigCh03	Unsigned8
0x0309	CfO_PhyIOConfigCh04	Unsigned8
0x030B	CfO_PhyIOConfigCh05	Unsigned8
0x1801	CfO_CounterCycleSelect	Unsigned8
0x1803	CfO_CounterMode	Unsigned8
0x1805	CfO_LatchMode	Unsigned8
0x1807	CfO_LatchComparator	Unsigned8
0x0334	CfO_BWQuitTime_0	Unsigned32
0x032F	CfO_BWQuitTimeSelChannel7_0	Unsigned8
0x180F	CfO_BWCNTEnableMaskChannel7_0	Unsigned8

6.1. X20DC1396

HwId: 0x1BAC

Description: Counter, 1x ABR, 24 V, 100 kHz

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Encoder01		Integer16	
Inputs_X20DC1396_a		Unsigned8	
	Bit 0	EncoderA	
	Bit 1	EncoderB	
	Bit 2	EncoderRefPulse	
	Bit 3	DigitalInput01	
StatusInput01		Unsigned8	
Inputs_X20DC1396_b		Unsigned8	
	Bit 0	PowerSupply01	
Output			
Name		Input	Output
ReferenceModeEncoder01			Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x100A	CfO_EdgeDetectRising	Unsigned8
0x0200	ConfigOutput24	Unsigned16
0x0208	ConfigOutput27	Unsigned8
0x020A	ConfigOutput26	Unsigned8
0x0810	CfO_PresetABR01_1	Unsigned16

6.1. X20DC1398

HwId: 0x1BAE

Description: Counter, 1x SSI, 24 V, 125 kbit/s

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC1398_a	Unsigned8	
Bit 0	PowerSupply01	
Inputs_X20DC1398_b	Unsigned8	
Bit 3	DigitalInput01	
Encoder01	Unsigned32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0100	ConfigOutput01	Unsigned8
0x0102	ConfigOutput02	Unsigned8
0x0040	ConfigOutput03	Unsigned8
0x0042	ConfigOutput04	Unsigned8
0x0000	ConfigOutput07	Unsigned8
0x0002	ConfigOutput08	Unsigned8
0x0006	ConfigOutput09	Unsigned8
0x1C00	ConfigOutput13	Unsigned16
0x1C04	ConfigAdvanced	Unsigned32

6.1. X20DC1976

HwId: 0xA707

Description: Counter, 1x ABR, 5 V single ended, 250 kHz, Wire monitoring

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC1976_a	Unsigned8	
Bit 0	PowerSupply01	
Bit 1	PowerSupply02	
Inputs_X20DC1976_b	Unsigned8	
Bit 0	BW_Channel_A	
Bit 1	BW_Channel_B	
Bit 2	BW_Channel_R	
Inputs_X20DC1976_c	Unsigned8	
Bit 0	Encoder01_A	
Bit 1	Encoder01_B	
Bit 2	Encoder01_R	
Bit 4	DigitalInput01	
Bit 5	DigitalInput02	
Encoder01LatchCount	Integer8	
Encoder01	Integer16	
Encoder01Latch	Integer16	
Output		
Name	Input	Output
Outputs_X20DC1976_a		Unsigned8
Bit 0		BW_QuitChannel_A
Bit 1		BW_QuitChannel_B
Bit 2		BW_QuitChannel_R
Outputs_X20DC1976_b		Unsigned8
Bit 0		Encoder01Reset
Bit 1		Encoder01LatchEnable

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SIFrameGenID	Unsigned8
0x0282	CfO_SystemCycleTime	Unsigned16
0x0301	CfO_PhyIOConfigCh01	Unsigned8
0x0303	CfO_PhyIOConfigCh02	Unsigned8
0x0305	CfO_PhyIOConfigCh03	Unsigned8
0x0309	CfO_PhyIOConfigCh04	Unsigned8
0x030B	CfO_PhyIOConfigCh05	Unsigned8
0x1801	CfO_CounterCycleSelect	Unsigned8
0x1803	CfO_CounterMode	Unsigned8
0x1805	CfO_LatchMode	Unsigned8
0x1807	CfO_LatchComparator	Unsigned8
0x0334	CfO_BWQuitTime_0	Unsigned32
0x032F	CfO_BWQuitTimeSelChannel7_0	Unsigned8
0x180F	CfO_BWCNTEnableMaskChannel7_0	Unsigned8

6.1. X20DC2395

HwId: 0x1CD4

Description: 2 Inputs, 2 In- /Outputs 24 VDC; SSI; ABR; PWM

Input		
Name	Input	Output
ModuleOK	Unsigned8	
EventCounter01	Unsigned16	
EventCounter03	Unsigned16	
PowerSupply01	Unsigned8	
Output		
Name	Input	Output
PWMOutput02		Unsigned16
PWMOutput04		Unsigned16

Acyclic registers		
Registeraddress	Name	Type
0x0000	CfO_CFGchannel01	Unsigned8
0x0002	CfO_CFGchannel02	Unsigned8
0x0004	CfO_CFGchannel03	Unsigned8
0x0006	CfO_CFGchannel04	Unsigned8
0x0040	CfO_LED0source	Unsigned8
0x0042	CfO_LED1source	Unsigned8
0x0044	CfO_LED2source	Unsigned8
0x0046	CfO_LED3source	Unsigned8
0x0808	CfO_Counter1configReg0	Unsigned8
0x0908	CfO_Counter2configReg0	Unsigned8
0x1800	CfO_PWM0prescaler	Unsigned16
0x1810	CfO_PWM1prescaler	Unsigned16

6.1. X20DC2398

HwId: 0x1BAD

Description: Counter, 2x SSI, 24 V, 125 kbit/s

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DC2398_a	Unsigned8	
Bit 0	PowerSupply01	
Inputs_X20DC2398_b	Unsigned8	
Bit 3	DigitalInput01	
Bit 7	DigitalInput02	
Encoder01	Unsigned32	
Encoder02	Unsigned32	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0100	ConfigOutput01	Unsigned8
0x0102	ConfigOutput02	Unsigned8
0x0040	ConfigOutput03	Unsigned8
0x0042	ConfigOutput04	Unsigned8
0x0048	ConfigOutput05	Unsigned8
0x004A	ConfigOutput06	Unsigned8
0x0000	ConfigOutput07	Unsigned8
0x0002	ConfigOutput08	Unsigned8
0x0006	ConfigOutput09	Unsigned8
0x0008	ConfigOutput10	Unsigned8
0x000A	ConfigOutput11	Unsigned8
0x000E	ConfigOutput12	Unsigned8
0x1C00	ConfigOutput13	Unsigned16
0x1D00	ConfigOutput14	Unsigned16
0x1C04	ConfigAdvanced01	Unsigned32
0x1D04	ConfigAdvanced02	Unsigned32

6.1. X20DC4395

HwId: 0x1CC5

Description: 4 Inputs, 4 In- /Outputs 24 VDC; SSI; ABR; PWM

Input		
Name	Input	Output
ModuleOK	Unsigned8	
SSIEncoder01	Unsigned32	
EventCounter03	Unsigned16	
ABREncoder02	Integer16	
PowerSupply01	Unsigned8	
StatusABR02	Unsigned8	
Output		
Name	Input	Output
PWMOutput04		Unsigned16
PWMOutput08		Unsigned16
ReferenceModeABR02		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0000	CfO_CFGchannel01	Unsigned8
0x0002	CfO_CFGchannel02	Unsigned8
0x0004	CfO_CFGchannel03	Unsigned8
0x0006	CfO_CFGchannel04	Unsigned8
0x0008	CfO_CFGchannel05	Unsigned8
0x000A	CfO_CFGchannel06	Unsigned8
0x000C	CfO_CFGchannel07	Unsigned8
0x000E	CfO_CFGchannel08	Unsigned8
0x0040	CfO_LED0source	Unsigned8
0x0042	CfO_LED1source	Unsigned8
0x0044	CfO_LED2source	Unsigned8
0x0046	CfO_LED3source	Unsigned8
0x0048	CfO_LED4source	Unsigned8
0x004A	CfO_LED5source	Unsigned8
0x004C	CfO_LED6source	Unsigned8
0x004E	CfO_LED7source	Unsigned8
0x0A10	CfO_Counter3PresetValue1	Unsigned16
0x0A14	CfO_Counter3PresetValue2	Unsigned16
0x0A00	CfO_Counter3config	Unsigned8
0x0A08	CfO_Counter3configReg0	Unsigned8
0x0A0A	CfO_Counter3configReg1	Unsigned8
0x0A40	CfO_Counter3event0IDwr	Unsigned16
0x0A48	CfO_Counter3event0config	Unsigned16
0x0220	CfO_DIREKTIOevent1IDwr	Unsigned16
0x0224	CfO_DIREKTIOevent1mode	Unsigned8
0x100A	CfO_EdgeDetectRising	Unsigned8
0x1008	CfO_EdgeDetectFalling	Unsigned8
0x0908	CfO_Counter2configReg0	Unsigned8
0x1C00	CfO_SSI1eventIDwr	Unsigned16
0x1C0C	CfO_SSI1control	Unsigned8
0x1C04	ConfigAdvanced01	Unsigned32
0x1810	CfO_PWM1prescaler	Unsigned16
0x1830	CfO_PWM3prescaler	Unsigned16

6.1. X20DM9324

HwId: 0x20B9

Description: 8 Digital Inputs 24 VDC, Sink; 4 Outputs 24 VDC / 0.5 A, Source

Input		
Name		Input
ModuleOK		Unsigned8
Inputs_X20DM9324_a		Unsigned8
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
	Bit 6	DigitalInput07
	Bit 7	DigitalInput08
Inputs_X20DM9324_b		Unsigned8
	Bit 0	StatusDigitalOutput01
	Bit 1	StatusDigitalOutput02
	Bit 2	StatusDigitalOutput03
	Bit 3	StatusDigitalOutput04
Output		
Name		Input
Outputs_X20DM9324_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

6.1. X67AM1223

HwId: 0x1465

Description: 2 Inputs ?10 V, 2 Outputs ?10 V

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer16	
AnalogInput02	Integer16	
StatusInput01	Unsigned8	
Output		
Name	Input	Output
AnalogOutput01		Integer16
AnalogOutput02		Integer16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8

6.1. X67AM1323

HwId: 0x1466

Description: 2 Inputs 0 to 20 mA, 2 Outputs 0 to 20 mA

Input			
Name		Input	Output
ModuleOK		Unsigned8	
AnalogInput01		Integer16	
AnalogInput02		Integer16	
Inputs_X67AM1323_a		Unsigned8	
	Bit 1	StatusAnalogInput01	
	Bit 3	StatusAnalogInput02	
Output			
Name		Input	Output
AnalogOutput01			Integer16
AnalogOutput02			Integer16
Acyclic registers			
Registeraddress	Name		Type
0x0010	ConfigOutput01		Unsigned8

6.1. X67DC1198

HwId: 0x18D0

Description: 8 In- / Outputs 24 VDC; 6 In- / Outputs 5 VDC; SSI; PWM

Input		
Name	Input	Output
ModuleOK	Unsigned8	
ABRCounter	Unsigned16	
PowerSupplyState	Unsigned8	
ABRState	Unsigned8	
SSIPosition	Unsigned32	
ABCounter1	Unsigned16	
ABCounter2	Unsigned16	
ABCounter3	Unsigned16	
EventCounter	Unsigned16	
Output		
Name	Input	Output
PWM1Output		Unsigned16
ABRReferenceMode		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0C10	CfO_Counter5PresetValue1	Unsigned16
0x0B0A	CfO_Counter4configReg1	Unsigned8
0x1D08	CfO_SSI2cfg	Unsigned16
0x1810	CfO_PWM1prescaler	Unsigned16
0x0200	CfO_DIREKTIOevent0IDwr	Unsigned16

6.1. X67DM1321

HwId: 0x1311

Description: 8 In- /Outputs 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DM1321_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X67DM1321_b		Unsigned8	
	Bit 0	InputLatch01	
	Bit 1	InputLatch02	
	Bit 2	InputLatch03	
	Bit 3	InputLatch04	
	Bit 4	InputLatch05	
	Bit 5	InputLatch06	
	Bit 6	InputLatch07	
	Bit 7	InputLatch08	
Inputs_X67DM1321_c		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Output			
Name		Input	Output
Outputs_X67DM1321_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321_b			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L08

HwId: 0x1A1C

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L08_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L08_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Inputs_X67DM1321.L08_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L08_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L08_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L08_f	Unsigned8	
Bit 0	StatusDigitalOutput09	
Bit 1	StatusDigitalOutput10	

Input			
Name		Input	Output
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L08_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L08_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L08_c			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L08_d			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L08_C1

HwId: 0x1A1C

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L08_C1_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L08_C1_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L08_C1_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L08_C1_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L08_C1_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L08_C1_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L08_C1_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L08_C1_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L08_C1_c			Unsigned8
	Bit 5		ResetCounter01
Outputs_X67DM1321.L08_C1_d			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L08_C1_e			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L08_C1_f			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L08_C2

HwId: 0x1A1C

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L08_C2_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L08_C2_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L08_C2_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L08_C2_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L08_C2_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L08_C2_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L08_C2_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L08_C2_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L08_C2_c			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L08_C2_d			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L08_C2_e			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0014	ConfigOutput01	Unsigned8

6.1. X67DM1321.L12

HwId: 0x1A1D

Description: 16 In- /Outputs 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DM1321.L12_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X67DM1321.L12_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
	Bit 4	DigitalInput13	
	Bit 5	DigitalInput14	
	Bit 6	DigitalInput15	
	Bit 7	DigitalInput16	
Inputs_X67DM1321.L12_c		Unsigned8	
	Bit 0	InputLatch01	
	Bit 1	InputLatch02	
	Bit 2	InputLatch03	
	Bit 3	InputLatch04	
	Bit 4	InputLatch05	
	Bit 5	InputLatch06	
	Bit 6	InputLatch07	
	Bit 7	InputLatch08	
Inputs_X67DM1321.L12_d		Unsigned8	
	Bit 0	InputLatch09	
	Bit 1	InputLatch10	
	Bit 2	InputLatch11	
	Bit 3	InputLatch12	
	Bit 4	InputLatch13	
	Bit 5	InputLatch14	
	Bit 6	InputLatch15	
	Bit 7	InputLatch16	
Inputs_X67DM1321.L12_e		Unsigned8	
	Bit 0	StatusDigitalOutput01	
	Bit 1	StatusDigitalOutput02	
	Bit 2	StatusDigitalOutput03	
	Bit 3	StatusDigitalOutput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12_f		Unsigned8	
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	

Input			
Name		Input	Output
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12_c			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12_d			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L12_C1

HwId: 0x1A1D

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L12_C1_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L12_C1_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L12_C1_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L12_C1_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L12_C1_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12_C1_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12_C1_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12_C1_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12_C1_c			Unsigned8
	Bit 5		ResetCounter01
Outputs_X67DM1321.L12_C1_d			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L12_C1_e			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12_C1_f			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers

Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L12_C2

HwId: 0x1A1D

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L12_C2_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L12_C2_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L12_C2_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L12_C2_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L12_C2_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12_C2_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12_C2_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12_C2_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12_C2_c			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L12_C2_d			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12_C2_e			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0014	ConfigOutput01	Unsigned8

6.1. X67DM1321.L12-1

HwId: 0xDAC0

Description: 16 In- /Outputs 24 VDC P24

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L12-1_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L12-1_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Inputs_X67DM1321.L12-1_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L12-1_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L12-1_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12-1_f	Unsigned8	
Bit 0	StatusDigitalOutput09	
Bit 1	StatusDigitalOutput10	

Input			
Name		Input	Output
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12-1_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12-1_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12-1_c			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12-1_d			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L12-1_C1

HwId: 0xDAC0

Description: 16 In- /Outputs 24 VDC P24

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L12-1_C1_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L12-1_C1_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L12-1_C1_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L12-1_C1_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L12-1_C1_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12-1_C1_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12-1_C1_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12-1_C1_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12-1_C1_c			Unsigned8
	Bit 5		ResetCounter01
Outputs_X67DM1321.L12-1_C1_d			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L12-1_C1_e			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12-1_C1_f			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321.L12-1_C2

HwId: 0xDAC0

Description: 16 In- /Outputs 24 VDC P24

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321.L12-1_C2_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM1321.L12-1_C2_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321.L12-1_C2_c	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321.L12-1_C2_d	Unsigned8	
Bit 0	InputLatch09	
Bit 1	InputLatch10	
Bit 2	InputLatch11	
Bit 3	InputLatch12	
Bit 4	InputLatch13	
Bit 5	InputLatch14	
Bit 6	InputLatch15	
Bit 7	InputLatch16	
Inputs_X67DM1321.L12-1_C2_e	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DM1321.L12-1_C2_f	Unsigned8	

Input			
Name		Input	Output
	Bit 0	StatusDigitalOutput09	
	Bit 1	StatusDigitalOutput10	
	Bit 2	StatusDigitalOutput11	
	Bit 3	StatusDigitalOutput12	
	Bit 4	StatusDigitalOutput13	
	Bit 5	StatusDigitalOutput14	
	Bit 6	StatusDigitalOutput15	
	Bit 7	StatusDigitalOutput16	
Output			
Name		Input	Output
Outputs_X67DM1321.L12-1_C2_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X67DM1321.L12-1_C2_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_X67DM1321.L12-1_C2_c			Unsigned8
	Bit 5		ResetCounter02
Outputs_X67DM1321.L12-1_C2_d			Unsigned8
	Bit 0		QuitInputLatch01
	Bit 1		QuitInputLatch02
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08
Outputs_X67DM1321.L12-1_C2_e			Unsigned8
	Bit 0		QuitInputLatch09
	Bit 1		QuitInputLatch10
	Bit 2		QuitInputLatch11
	Bit 3		QuitInputLatch12
	Bit 4		QuitInputLatch13
	Bit 5		QuitInputLatch14
	Bit 6		QuitInputLatch15
	Bit 7		QuitInputLatch16

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0011	ConfigIOMask02	Unsigned8
0x0012	ConfigOutput03	Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0014	ConfigOutput01	Unsigned8

6.1. X67DM1321_C1

HwId: 0x1311

Description: 8 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321_C1_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321_C1_b	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321_C1_c	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X67DM1321_C1_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X67DM1321_C1_b		Unsigned8
Bit 5		ResetCounter01
Outputs_X67DM1321_C1_c		Unsigned8
Bit 5		ResetCounter02
Outputs_X67DM1321_C1_d		Unsigned8
Bit 0		QuitInputLatch01
Bit 1		QuitInputLatch02
Bit 2		QuitInputLatch03

Output			
Name		Input	Output
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0012	ConfigOutput03	Unsigned8

6.1. X67DM1321_C2

HwId: 0x1311

Description: 8 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM1321_C2_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Counter01	Unsigned16	
Counter02	Unsigned16	
Inputs_X67DM1321_C2_b	Unsigned8	
Bit 0	InputLatch01	
Bit 1	InputLatch02	
Bit 2	InputLatch03	
Bit 3	InputLatch04	
Bit 4	InputLatch05	
Bit 5	InputLatch06	
Bit 6	InputLatch07	
Bit 7	InputLatch08	
Inputs_X67DM1321_C2_c	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X67DM1321_C2_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X67DM1321_C2_b		Unsigned8
Bit 5		ResetCounter02
Outputs_X67DM1321_C2_c		Unsigned8
Bit 0		QuitInputLatch01
Bit 1		QuitInputLatch02
Bit 2		QuitInputLatch03
Bit 3		QuitInputLatch04
Bit 4		QuitInputLatch05

Output			
Name		Input	Output
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0012	ConfigOutput03	Unsigned8
0x0014	ConfigOutput01	Unsigned8

6.1. X67DM9331.L12

HwId: 0x1B15

Description: 8 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DM9331.L12_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DM9331.L12_b	Unsigned8	
Bit 0	StatusSensor01	
Bit 1	StatusSensor02	
Bit 2	StatusSensor03	
Bit 3	StatusSensor04	
Bit 4	StatusSensor05	
Bit 5	StatusSensor06	
Bit 6	StatusSensor07	
Bit 7	StatusSensor08	
Inputs_X67DM9331.L12_c	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Output		
Name	Input	Output
Outputs_X67DM9331.L12_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigIOMask01	Unsigned8
0x0012	ConfigOutput01	Unsigned8

6.1. X67DV1311.L08

HwId: 0x1AED

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DV1311.L08_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DV1311.L08_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Inputs_X67DV1311.L08_c	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DV1311.L08_d	Unsigned8	
Bit 0	StatusDigitalOutput09	
Bit 1	StatusDigitalOutput10	
Bit 2	StatusDigitalOutput11	
Bit 3	StatusDigitalOutput12	
Bit 4	StatusDigitalOutput13	
Bit 5	StatusDigitalOutput14	
Bit 6	StatusDigitalOutput15	
Bit 7	StatusDigitalOutput16	
Output		
Name	Input	Output
Outputs_X67DV1311.L08_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X67DV1311.L08_b		Unsigned8

Output			
Name		Input	Output
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

6.1. X67DV1311.L12

HwId: 0x1AEE

Description: 16 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DV1311.L12_a	Unsigned8	
Bit 0	DigitalInput01	
Bit 1	DigitalInput02	
Bit 2	DigitalInput03	
Bit 3	DigitalInput04	
Bit 4	DigitalInput05	
Bit 5	DigitalInput06	
Bit 6	DigitalInput07	
Bit 7	DigitalInput08	
Inputs_X67DV1311.L12_b	Unsigned8	
Bit 0	DigitalInput09	
Bit 1	DigitalInput10	
Bit 2	DigitalInput11	
Bit 3	DigitalInput12	
Bit 4	DigitalInput13	
Bit 5	DigitalInput14	
Bit 6	DigitalInput15	
Bit 7	DigitalInput16	
Inputs_X67DV1311.L12_c	Unsigned8	
Bit 0	StatusDigitalOutput01	
Bit 1	StatusDigitalOutput02	
Bit 2	StatusDigitalOutput03	
Bit 3	StatusDigitalOutput04	
Bit 4	StatusDigitalOutput05	
Bit 5	StatusDigitalOutput06	
Bit 6	StatusDigitalOutput07	
Bit 7	StatusDigitalOutput08	
Inputs_X67DV1311.L12_d	Unsigned8	
Bit 0	StatusDigitalOutput09	
Bit 1	StatusDigitalOutput10	
Bit 2	StatusDigitalOutput11	
Bit 3	StatusDigitalOutput12	
Bit 4	StatusDigitalOutput13	
Bit 5	StatusDigitalOutput14	
Bit 6	StatusDigitalOutput15	
Bit 7	StatusDigitalOutput16	
Output		
Name	Input	Output
Outputs_X67DV1311.L12_a		Unsigned8
Bit 0		DigitalOutput01
Bit 1		DigitalOutput02
Bit 2		DigitalOutput03
Bit 3		DigitalOutput04
Bit 4		DigitalOutput05
Bit 5		DigitalOutput06
Bit 6		DigitalOutput07
Bit 7		DigitalOutput08
Outputs_X67DV1311.L12_b		Unsigned8

Output			
Name		Input	Output
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

6.1. X67IF1121-1

HwId: 0xA90F

Description: Interface Modul RS232, RS422/485; 2 In- /Outputs 24 VDC

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67IF1121-1_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
Inputs_X67IF1121-1_b	Unsigned8	
	Bit 2	StatusDigitalOutput03
	Bit 3	StatusDigitalOutput04
IF1_InputSequence	Unsigned8	
IF1_RxByte01	Unsigned8	
IF1_RxByte02	Unsigned8	
IF1_RxByte03	Unsigned8	
IF1_RxByte04	Unsigned8	
IF1_RxByte05	Unsigned8	
IF1_RxByte06	Unsigned8	
IF1_RxByte07	Unsigned8	
IF1_RxByte08	Unsigned8	
IF1_RxByte09	Unsigned8	
IF1_RxByte10	Unsigned8	
IF1_RxByte11	Unsigned8	
IF1_RxByte12	Unsigned8	
IF2_InputSequence	Unsigned8	
IF2_RxByte01	Unsigned8	
IF2_RxByte02	Unsigned8	
IF2_RxByte03	Unsigned8	
IF2_RxByte04	Unsigned8	
IF2_RxByte05	Unsigned8	
IF2_RxByte06	Unsigned8	
IF2_RxByte07	Unsigned8	
IF2_RxByte08	Unsigned8	
IF2_RxByte09	Unsigned8	
IF2_RxByte10	Unsigned8	
IF2_RxByte11	Unsigned8	
IF2_RxByte12	Unsigned8	
Inputs_X67IF1121-1_c	Unsigned8	
	Bit 0	IF1StartBitError
	Bit 1	IF1StopBitError
	Bit 2	IF1ParityError
	Bit 3	IF1RXoverrun
	Bit 4	IF2StartBitError
	Bit 5	IF2StopBitError
	Bit 6	IF2ParityError
	Bit 7	IF2RXoverrun
Output		
Name	Input	Output
Outputs_X67IF1121-1_a		Unsigned8
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04

Output		
Name	Input	Output
IF1_OutputSequence		Unsigned8
IF1_TxByte01		Unsigned8
IF1_TxByte02		Unsigned8
IF1_TxByte03		Unsigned8
IF1_TxByte04		Unsigned8
IF1_TxByte05		Unsigned8
IF1_TxByte06		Unsigned8
IF1_TxByte07		Unsigned8
IF1_TxByte08		Unsigned8
IF1_TxByte09		Unsigned8
IF1_TxByte10		Unsigned8
IF1_TxByte11		Unsigned8
IF1_TxByte12		Unsigned8
IF2_OutputSequence		Unsigned8
IF2_TxByte01		Unsigned8
IF2_TxByte02		Unsigned8
IF2_TxByte03		Unsigned8
IF2_TxByte04		Unsigned8
IF2_TxByte05		Unsigned8
IF2_TxByte06		Unsigned8
IF2_TxByte07		Unsigned8
IF2_TxByte08		Unsigned8
IF2_TxByte09		Unsigned8
IF2_TxByte10		Unsigned8
IF2_TxByte11		Unsigned8
IF2_TxByte12		Unsigned8
Outputs_X67IF1121-1_b		Unsigned8
	Bit 0	IF1QuitStartBitError
	Bit 1	IF1QuitStopBitError
	Bit 2	IF1QuitParityError
	Bit 3	IF1QuitRXoverrun
	Bit 4	IF2QuitStartBitError
	Bit 5	IF2QuitStopBitError
	Bit 6	IF2QuitParityError
	Bit 7	IF2QuitRXoverrun

Acyclic registers		
Registeraddress	Name	Type
0x0501	OutputEnable	Unsigned8
0x0104	IF1CfgPhy	Unsigned32
0x0304	IF2CfgPhy	Unsigned32
0x014C	IF1rxCtoEomSize	Unsigned32
0x034C	IF2rxCtoEomSize	Unsigned32
0x010C	IF1phyBaud	Unsigned32
0x030C	IF2phyBaud	Unsigned32
0x00C4	IF1CfgMTU	Unsigned32
0x00D4	IF2CfgMTU	Unsigned32

6.1. X67UM1352

HwId: 0x1CDF

Description: 4 dig. Inputs, 2 dig. Outputs, 1 analog Input

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67UM1352_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
AnalogInput01		Integer32	
Inputs_X67UM1352_b		Unsigned8	
	Bit 0	OpenLine01	
Inputs_X67UM1352_c		Unsigned8	
	Bit 0	OutputError01	
	Bit 1	OutputError02	
Output			
Name		Input	Output
Outputs_X67UM1352_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02

Acyclic registers		
Registeraddress	Name	Type
0x001A	ConfigOutput01	Unsigned8

6.1. X67UM4389

HwId: 0xA174

Description: 12 dig. Inputs, 4 dig. Outputs, 4 analog Outputs

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67UM4389_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X67UM4389_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
Outputs_X67UM4389_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
AnalogOutput01			Integer16
AnalogOutput02			Integer16
AnalogOutput03			Integer16
AnalogOutput04			Integer16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7. Other Module

7.1. 0AC190.1-NOR

HwId: 0xA0E9

Description: 5xDO, 5xDI; X2X Link Controller for VS18/26

Input		
Name	Input	Output
ModuleOK	Unsigned8	
DigitalStatus12	Unsigned8	
DigitalStatus34	Unsigned8	
DigitalStatus56	Unsigned8	
DigitalStatus78	Unsigned8	
DigitalStatus910	Unsigned8	
DigitalError12	Unsigned8	
DigitalError34	Unsigned8	
DigitalError56	Unsigned8	
DigitalError78	Unsigned8	
DigitalError910	Unsigned8	
Inputs_0AC190.1-NOR_a	Unsigned8	
	Bit 0	VccVentOVL
	Bit 1	VccVentUVL
	Bit 2	VccIoUVL
	Bit 3	HwFaultDetect
	Bit 4	SwOvlDetect
	Bit 5	SwAbsValveDetect
	Bit 7	IoBusError
Output		
Name	Input	Output
DigitalOutput12		Unsigned8
DigitalOutput34		Unsigned8
DigitalOutput56		Unsigned8
DigitalOutput78		Unsigned8
DigitalOutput910		Unsigned8
Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. 4XP0000.00-K20

HwId: 0x2703

Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0000.00-K20_a		Unsigned8	
	Bit 2	DigitalInput01	
	Bit 0	DigitalInput02	
	Bit 3	DigitalInput03	
	Bit 1	DigitalInput04	
Output			
Name		Input	Output
Outputs_4XP0000.00-K20_a			Unsigned16
	Bit 14		DigitalOutput01
	Bit 15		DigitalOutput02
	Bit 0		DigitalOutput03
	Bit 8		DigitalOutput04
	Bit 9		DigitalOutput05
	Bit 10		DigitalOutput06
	Bit 1		DigitalOutput07
	Bit 2		DigitalOutput08
	Bit 3		DigitalOutput09
	Bit 11		DigitalOutput10
	Bit 12		DigitalOutput11
	Bit 13		DigitalOutput12

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 4XP0000.00-K21

HwId: 0x2704

Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0000.00-K21_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
Output			
Name		Input	Output
Outputs_4XP0000.00-K21_a			Unsigned16
	Bit 8		DigitalOutput01
	Bit 9		DigitalOutput02
	Bit 10		DigitalOutput03
	Bit 11		DigitalOutput04
	Bit 12		DigitalOutput05
	Bit 13		DigitalOutput06
	Bit 14		DigitalOutput07
	Bit 15		DigitalOutput08
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
Outputs_4XP0000.00-K21_b			Unsigned8
	Bit 0		DigitalOutput13
	Bit 1		DigitalOutput14
	Bit 2		DigitalOutput15
	Bit 3		DigitalOutput16
	Bit 4		DigitalOutput17
	Bit 5		DigitalOutput18

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 4XP0000.00-K64

HwId: 0xC63E

Description: Distributed I/O

Input		
Name		Input
ModuleOK		Unsigned8
Inputs_4XP0000.00-K64_a		Unsigned8
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name		Output
Outputs_4XP0000.00-K64_a		Unsigned16
	Bit 8	DigitalOutput01
	Bit 9	DigitalOutput02
	Bit 10	DigitalOutput03
	Bit 11	DigitalOutput04
	Bit 12	DigitalOutput05
	Bit 13	DigitalOutput06
	Bit 14	DigitalOutput07
	Bit 15	DigitalOutput08
	Bit 0	DigitalOutput09
	Bit 1	DigitalOutput10
	Bit 2	DigitalOutput11
	Bit 3	DigitalOutput12
	Bit 4	DigitalOutput13
	Bit 5	DigitalOutput14
	Bit 6	DigitalOutput15
	Bit 7	DigitalOutput16
Outputs_4XP0000.00-K64_b		Unsigned8
	Bit 0	DigitalOutput17
	Bit 1	DigitalOutput18
	Bit 2	DigitalOutput19
	Bit 3	DigitalOutput20
	Bit 4	DigitalOutput21
	Bit 5	DigitalOutput22
	Bit 6	DigitalOutput23
	Bit 7	DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 4XP0000.00-K94

HwId: 0xDE52

Description: Distributed I/O

Input		
Name		Input
ModuleOK		Unsigned8
Inputs_4XP0000.00-K94_a		Unsigned8
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
Output		
Name		Output
Outputs_4XP0000.00-K94_a		Unsigned16
	Bit 8	DigitalOutput01
	Bit 9	DigitalOutput02
	Bit 10	DigitalOutput03
	Bit 11	DigitalOutput04
	Bit 12	DigitalOutput05
	Bit 13	DigitalOutput06
	Bit 14	DigitalOutput07
	Bit 15	DigitalOutput08
	Bit 0	DigitalOutput09
	Bit 1	DigitalOutput10
	Bit 2	DigitalOutput11
	Bit 3	DigitalOutput12
	Bit 4	DigitalOutput13
	Bit 5	DigitalOutput14
	Bit 6	DigitalOutput15
	Bit 7	DigitalOutput16
Outputs_4XP0000.00-K94_b		Unsigned8
	Bit 0	DigitalOutput17
	Bit 1	DigitalOutput18
	Bit 2	DigitalOutput19
	Bit 3	DigitalOutput20
	Bit 4	DigitalOutput21
	Bit 5	DigitalOutput22
	Bit 6	DigitalOutput23
	Bit 7	DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV108.50-11

HwId: 0x1CE3

Description: 8 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV108.50-11_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV108.50-11_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV108.50-12

HwId: 0x1CE4

Description: 8 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV108.50-12_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV108.50-12_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV108.50-51

HwId: 0x1CEB

Description: 8 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV108.50-51_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV108.50-51_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV108.50-62

HwId: 0x25B8

Description: 8 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV108.50-62_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV108.50-62_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-01

HwId: 0x1AC9

Description: 16 Outputs 0.1A/24VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-01_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-01_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-01_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-11

HwId: 0x1CE5

Description: 16 Outputs 0.1A/24VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-11_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-11_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-11_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-12

HwId: 0x1CE6

Description: 16 Outputs 0.1A/24VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-12_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-12_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-12_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-21

HwId: 0x1CE9

Description: 16 Outputs 0.1A/24VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-21_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-21_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-21_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-23

HwId: 0x1DCA

Description: 16 Outputs 0.1A/24VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-23_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-23_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-23_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-51

HwId: 0x1CEC

Description: 16 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-51_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-51_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-51_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV116.50-62

HwId: 0x25B7

Description: 16 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV116.50-62_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV116.50-62_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV116.50-62_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV124.50-11

HwId: 0x1CE7

Description: 24 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV124.50-11_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV124.50-11_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV124.50-11_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_7XV124.50-11_c			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV124.50-12

HwId: 0x1CE8

Description: 24 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV124.50-12_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV124.50-12_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV124.50-12_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_7XV124.50-12_c			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV124.50-51

HwId: 0x1CED

Description: 24 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV124.50-51_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV124.50-51_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV124.50-51_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_7XV124.50-51_c			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV124.50-61

HwId: 0xA366

Description: 24 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV124.50-61_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV124.50-61_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV124.50-61_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_7XV124.50-61_c			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. 7XV124.50-62

HwId: 0x25B6

Description: 24 Outputs 24 VDC / 0.1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_7XV124.50-62_a		Unsigned8	
	Bit 1	Overload	
	Bit 0	PowerSupply	
Output			
Name		Input	Output
Outputs_7XV124.50-62_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_7XV124.50-62_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16
Outputs_7XV124.50-62_c			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24

Acyclic registers

Registeraddress	Name	Type
No acyclic Data		

7.1. X20BR9300

HwId: 0x1BC1

Description: Bus receiver, IO supply 24 VDC and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20BR9300_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20BT9100

HwId: 0x1BC2

Description: Bus transmitter, IO supply 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20BT9100_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20BT9400

HwId: 0xA238

Description: Bus transmitter, IO supply 24 VDC, X67 supply

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20BT9400_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cBR9300

HwId: 0xDD48

Description: Coated Bus receiver, IO supply 24 VDC and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cBR9300_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cBT9100

HwId: 0xE219
Description: Coated Bus transmitter, IO supply 24 VDC

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cBT9100_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPD2113

HwId: 0xE23B

Description: Coated Potential distribution, 6xGND 6x24V, internal/external

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPD2113_a		Unsigned8	
	Bit 0	StatusFuse	
	Bit 1	StatusPowerSupply	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS2100

HwId: 0xE23C

Description: Coated 24 VDC power supply module for internal IO supply

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPS2100_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS2110

HwId: 0xE23D

Description: Coated 24 VDC power supply module for internal IO supply, fuse

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPS2110_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
	Bit 1	StatusInput03	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS3300

HwId: 0xDF13

Description: Coated 24 VDC power supply module for internal IO supply and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPS3300_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS3300_C1

HwId: 0xDF13

Description: Coated 24 VDC power supply module for internal IO supply and bus

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS3310

HwId: 0xDD46
Description: Coated 24 VDC power supply module for internal IO supply and bus, fuse

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPS3310_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS9400

HwId: 0xD579

Description: Coated 24 VDC power supply module for BC, internal IO supply and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cPS9400_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
SupplyCurrent		Unsigned8	
SupplyVoltage		Unsigned8	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20cPS9400_C1

HwId: 0xD579

Description: Coated 24 VDC power supply module for BC, internal IO supply and bus

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20CS1011

HwId: 0xA38D

Description: Interface Module SmartWire

Input		
Name	Input	Output
ModuleOK	Unsigned8	
SlaveStatus	Unsigned16	
MasterStatus	Unsigned16	
MasterOperatingState	Unsigned8	
Input01	Unsigned8	
Input02	Unsigned8	
Input03	Unsigned8	
Input04	Unsigned8	
Input05	Unsigned8	
Input06	Unsigned8	
Input07	Unsigned8	
Input08	Unsigned8	
Input09	Unsigned8	
Input10	Unsigned8	
Input11	Unsigned8	
Input12	Unsigned8	
Input13	Unsigned8	
Input14	Unsigned8	
Input15	Unsigned8	
Input16	Unsigned8	
Output		
Name	Input	Output
FastOutput01_02		Unsigned8
FastOutput03_04		Unsigned8
FastOutput05_06		Unsigned8
FastOutput07_08		Unsigned8
FastOutput09_10		Unsigned8
FastOutput11_12		Unsigned8
FastOutput13_14		Unsigned8
FastOutput15_16		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0103	SmartWireMode	Unsigned8
0x0101	SmartWireEnable	Unsigned8

7.1. X20CS1012

HwId: 0xCABF

Description: Interface Module MBus

Input		
Name	Input	Output
ModuleOK	Unsigned8	
MBusState	Unsigned8	
ValidDataByte	Unsigned8	
InvalidDataByte	Unsigned8	
MBusOperation	Unsigned8	
Data1	Unsigned32	
Data2	Unsigned32	
Data3	Unsigned32	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
MBusCommand		Unsigned8
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0317	CfO_BaudData1	Unsigned8
0x0309	CfO_PAdrData1	Unsigned8
0x030D	CfO_IndexData1	Unsigned8
0x0312	CfO_MBusModeData1	Unsigned16
0x0327	CfO_BaudData2	Unsigned8
0x0319	CfO_PAdrData2	Unsigned8
0x031D	CfO_IndexData2	Unsigned8
0x0322	CfO_MBusModeData2	Unsigned16
0x0337	CfO_BaudData3	Unsigned8
0x0329	CfO_PAdrData3	Unsigned8
0x032D	CfO_IndexData3	Unsigned8
0x0332	CfO_MBusModeData3	Unsigned16

7.1. X20CS1013

HwId: 0xDE85

Description: Interface Module Dali

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Dali_State	Unsigned16	
Dali_AnswerCounter	Unsigned8	
Dali_RequestCounter	Unsigned8	
Dali_Answer	Unsigned8	
Output		
Name	Input	Output
Dali_Enable		Unsigned8
Dali_Control		Unsigned16
Dali_Address		Unsigned8
Dali_Command		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0204		Unsigned32

7.1. X20CS1020

HwId: 0x1FCF

Description: Interface Modul RS232

Input		
Name	Input	Output
ModuleOK	Unsigned8	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
RxByte08	Unsigned8	
RxByte09	Unsigned8	
RxByte10	Unsigned8	
RxByte11	Unsigned8	
RxByte12	Unsigned8	
RxByte13	Unsigned8	
RxByte14	Unsigned8	
RxByte15	Unsigned8	
RxByte16	Unsigned8	
RxByte17	Unsigned8	
RxByte18	Unsigned8	
RxByte19	Unsigned8	
RxByte20	Unsigned8	
RxByte21	Unsigned8	
RxByte22	Unsigned8	
RxByte23	Unsigned8	
RxByte24	Unsigned8	
RxByte25	Unsigned8	
RxByte26	Unsigned8	
RxByte27	Unsigned8	
InterfaceError	Unsigned8	
	Bit 0	StartBitError
	Bit 1	StopBitError
	Bit 2	ParityError
	Bit 3	RXoverrun
Output		
Name	Input	Output
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8
TxByte08		Unsigned8
TxByte09		Unsigned8
TxByte10		Unsigned8
TxByte11		Unsigned8
TxByte12		Unsigned8

Output			
Name		Input	Output
TxByte13			Unsigned8
TxByte14			Unsigned8
TxByte15			Unsigned8
TxByte16			Unsigned8
TxByte17			Unsigned8
TxByte18			Unsigned8
TxByte19			Unsigned8
TxByte20			Unsigned8
TxByte21			Unsigned8
TxByte22			Unsigned8
TxByte23			Unsigned8
TxByte24			Unsigned8
TxByte25			Unsigned8
TxByte26			Unsigned8
TxByte27			Unsigned8
AckInterfaceError			Unsigned8
	Bit 0		QuitStartBitError
	Bit 1		QuitStopBitError
	Bit 2		QuitParityError
	Bit 3		QuitRXoverrun

Acyclic registers		
Registeraddress	Name	Type
0x0001	phyMode	Unsigned8
0x00E1	outputMTU	Unsigned8
0x00E3	inputMTU	Unsigned8
0x0003	phyData	Unsigned8
0x0005	phyStop	Unsigned8
0x0007	phyParity	Unsigned8
0x000C	phyBaud	Unsigned32
0x004A	rxCto	Unsigned16
0x006A	txCto	Unsigned16
0x0001	phyMode	Unsigned8
0x1881	CfO_ErrorID0007	Unsigned8

7.1. X20CS1030

HwId: 0x1FD0

Description: Interface Modul RS422 / RS485

Input		
Name	Input	Output
ModuleOK	Unsigned8	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
RxByte08	Unsigned8	
RxByte09	Unsigned8	
RxByte10	Unsigned8	
RxByte11	Unsigned8	
RxByte12	Unsigned8	
RxByte13	Unsigned8	
RxByte14	Unsigned8	
RxByte15	Unsigned8	
RxByte16	Unsigned8	
RxByte17	Unsigned8	
RxByte18	Unsigned8	
RxByte19	Unsigned8	
RxByte20	Unsigned8	
RxByte21	Unsigned8	
RxByte22	Unsigned8	
RxByte23	Unsigned8	
RxByte24	Unsigned8	
RxByte25	Unsigned8	
RxByte26	Unsigned8	
RxByte27	Unsigned8	
InterfaceError	Unsigned8	
	Bit 0	StartBitError
	Bit 1	StopBitError
	Bit 2	ParityError
	Bit 3	RXoverrun
Output		
Name	Input	Output
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8
TxByte08		Unsigned8
TxByte09		Unsigned8
TxByte10		Unsigned8
TxByte11		Unsigned8
TxByte12		Unsigned8

Output		
Name	Input	Output
TxByte13		Unsigned8
TxByte14		Unsigned8
TxByte15		Unsigned8
TxByte16		Unsigned8
TxByte17		Unsigned8
TxByte18		Unsigned8
TxByte19		Unsigned8
TxByte20		Unsigned8
TxByte21		Unsigned8
TxByte22		Unsigned8
TxByte23		Unsigned8
TxByte24		Unsigned8
TxByte25		Unsigned8
TxByte26		Unsigned8
TxByte27		Unsigned8
AckInterfaceError		Unsigned8
	Bit 0	QuitStartBitError
	Bit 1	QuitStopBitError
	Bit 2	QuitParityError
	Bit 3	QuitRXoverrun

Acyclic registers		
Registeraddress	Name	Type
0x0001	phyMode	Unsigned8
0x00E1	outputMTU	Unsigned8
0x00E3	inputMTU	Unsigned8
0x0003	phyData	Unsigned8
0x0005	phyStop	Unsigned8
0x0007	phyParity	Unsigned8
0x000C	phyBaud	Unsigned32
0x004A	rxCto	Unsigned16
0x006A	txCto	Unsigned16
0x0001	phyMode	Unsigned8
0x1881	CfO_ErrorID0007	Unsigned8

7.1. X20CS1070

HwId: 0x1FD1

Description: Interface Modul CAN

Input		
Name	Input	Output
ModuleOK	Unsigned8	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
RxByte08	Unsigned8	
RxByte09	Unsigned8	
RxByte10	Unsigned8	
RxByte11	Unsigned8	
RxByte12	Unsigned8	
RxByte13	Unsigned8	
RxByte14	Unsigned8	
RxByte15	Unsigned8	
RxByte16	Unsigned8	
RxByte17	Unsigned8	
RxByte18	Unsigned8	
RxByte19	Unsigned8	
RxByte20	Unsigned8	
RxByte21	Unsigned8	
RxByte22	Unsigned8	
RxByte23	Unsigned8	
RxByte24	Unsigned8	
RxByte25	Unsigned8	
RxByte26	Unsigned8	
RxByte27	Unsigned8	
InterfaceError	Unsigned8	
	Bit 0	CANwarning
	Bit 1	CANpassive
	Bit 2	CANbusoff
	Bit 3	CANRXoverrun
Output		
Name	Input	Output
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8
TxByte08		Unsigned8
TxByte09		Unsigned8
TxByte10		Unsigned8
TxByte11		Unsigned8
TxByte12		Unsigned8

Output		
Name	Input	Output
TxByte13		Unsigned8
TxByte14		Unsigned8
TxByte15		Unsigned8
TxByte16		Unsigned8
TxByte17		Unsigned8
TxByte18		Unsigned8
TxByte19		Unsigned8
TxByte20		Unsigned8
TxByte21		Unsigned8
TxByte22		Unsigned8
TxByte23		Unsigned8
TxByte24		Unsigned8
TxByte25		Unsigned8
TxByte26		Unsigned8
TxByte27		Unsigned8
AckInterfaceError		Unsigned8
	Bit 0	QuitCANwarning
	Bit 1	QuitCANpassive
	Bit 2	QuitCANbusoff
	Bit 3	QuitCANRXoverrun

Acyclic registers		
Registeraddress	Name	Type
0x00C1	outputMTU	Unsigned8
0x00C3	inputMTU	Unsigned8
0x0101	ConfigBaudrate	Unsigned8
0x0103	ConfigSJW	Unsigned8
0x0105	ConfigSPO	Unsigned8
0x010A	ConfigTXtrigger	Unsigned16
0x1881	CfO_ErrorID0007	Unsigned8

7.1. X20DS1928

HwId: 0xA912

Description: Interface Module EnDat 2.1/2.2

Input		
Name	Input	Output
ModuleOK	Unsigned8	
PositionHW	Unsigned32	
PositionLW	Unsigned32	
PosCycle	Integer8	
ErrorInfo	Unsigned8	
EnDatError	Unsigned16	
EnDatWarning	Unsigned16	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
Output		
Name	Input	Output
AckErrorInfo		Unsigned8
EnDatAck		Unsigned8
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SIframeGenID	Unsigned8
0x028E	CfO_SystemCyclePrescaler	Unsigned16
0x0185	ErrorEnableID_1710	Unsigned8
0x0401	SinCosEnable	Unsigned8
0x0403	SinCosRefSource	Unsigned8
0x040A	SinCosVssMin	Unsigned16
0x040E	SinCosVssMax	Unsigned16
0x0414	SinCosQuitTime	Unsigned32
0x1001	EnDatMode	Unsigned8
0x1201	OutputMTU	Unsigned8
0x1203	InputMTU	Unsigned8

7.1. X20DS438A

HwId: 0xCAC0

Description: Interface Module IO-Link

Input		
Name	Input	Output
ModuleOK	Unsigned8	
ChannelStatus01	Unsigned8	
ChannelStatus02	Unsigned8	
ChannelStatus03	Unsigned8	
ChannelStatus04	Unsigned8	
InputData01a	Unsigned8	
InputData01b	Unsigned8	
InputData01c	Unsigned8	
InputData01d	Unsigned8	
InputData02a	Unsigned8	
InputData02b	Unsigned8	
InputData02c	Unsigned8	
InputData02d	Unsigned8	
InputData03a	Unsigned8	
InputData03b	Unsigned8	
InputData03c	Unsigned8	
InputData03d	Unsigned8	
InputData04a	Unsigned8	
InputData04b	Unsigned8	
InputData04c	Unsigned8	
InputData04d	Unsigned8	
EventPortSeq	Unsigned8	
EventQualifier	Unsigned8	
EventCode	Unsigned16	
ParameterCtrlIn	Unsigned8	
ParameterDataIn_0	Unsigned32	
Output		
Name	Input	Output
Outputs_X20DS438A_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DisablePowerSupply01
	Bit 5	DisablePowerSupply02
	Bit 6	DisablePowerSupply03
	Bit 7	DisablePowerSupply04
DsControl01		Unsigned8
DsControl02		Unsigned8
DsControl03		Unsigned8
DsControl04		Unsigned8
OutputData01a		Unsigned8
OutputData01b		Unsigned8
OutputData01c		Unsigned8
OutputData01d		Unsigned8
OutputData02a		Unsigned8
OutputData02b		Unsigned8
OutputData02c		Unsigned8
OutputData02d		Unsigned8

Output		
Name	Input	Output
OutputData03a		Unsigned8
OutputData03b		Unsigned8
OutputData03c		Unsigned8
OutputData03d		Unsigned8
OutputData04a		Unsigned8
OutputData04b		Unsigned8
OutputData04c		Unsigned8
OutputData04d		Unsigned8
EventQuit		Unsigned8
ParameterIndexOut		Unsigned16
ParameterSubIndexOut		Unsigned8
ParameterCtrlOut		Unsigned8
ParameterDataOut_0		Unsigned32

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SupplyConfig	Unsigned8
0x1004	CfO_ChannelMode01	Unsigned32
0x1024	CfO_IdentificationDeviceId01	Unsigned32
0x101E	CfO_IdentificationVendorId01	Unsigned16
0x1404	CfO_ChannelMode02	Unsigned32
0x1424	CfO_IdentificationDeviceId02	Unsigned32
0x141E	CfO_IdentificationVendorId02	Unsigned16
0x1804	CfO_ChannelMode03	Unsigned32
0x1824	CfO_IdentificationDeviceId03	Unsigned32
0x181E	CfO_IdentificationVendorId03	Unsigned16
0x1C04	CfO_ChannelMode04	Unsigned32
0x1C24	CfO_IdentificationDeviceId04	Unsigned32
0x1C1E	CfO_IdentificationVendorId04	Unsigned16

7.1. X20DS438A_C1

HwId: 0xCAC0

Description: Interface Module IO-Link

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X20DS438A_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
ChannelStatus01	Unsigned8	
ChannelStatus02	Unsigned8	
ChannelStatus03	Unsigned8	
ChannelStatus04	Unsigned8	
InputData01a	Unsigned8	
InputData01b	Unsigned8	
InputData01c	Unsigned8	
InputData01d	Unsigned8	
InputData02a	Unsigned8	
InputData02b	Unsigned8	
InputData02c	Unsigned8	
InputData02d	Unsigned8	
InputData03a	Unsigned8	
InputData03b	Unsigned8	
InputData03c	Unsigned8	
InputData03d	Unsigned8	
InputData04a	Unsigned8	
InputData04b	Unsigned8	
InputData04c	Unsigned8	
InputData04d	Unsigned8	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
Outputs_X20DS438A_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DisablePowerSupply01
	Bit 5	DisablePowerSupply02
	Bit 6	DisablePowerSupply03
	Bit 7	DisablePowerSupply04
DsControl01		Unsigned8
DsControl02		Unsigned8
DsControl03		Unsigned8
DsControl04		Unsigned8

Output		
Name	Input	Output
OutputData01a		Unsigned8
OutputData01b		Unsigned8
OutputData01c		Unsigned8
OutputData01d		Unsigned8
OutputData02a		Unsigned8
OutputData02b		Unsigned8
OutputData02c		Unsigned8
OutputData02d		Unsigned8
OutputData03a		Unsigned8
OutputData03b		Unsigned8
OutputData03c		Unsigned8
OutputData03d		Unsigned8
OutputData04a		Unsigned8
OutputData04b		Unsigned8
OutputData04c		Unsigned8
OutputData04d		Unsigned8
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0201	CfO_SupplyConfig	Unsigned8
0x1004	CfO_ChannelMode01	Unsigned32
0x1024	CfO_IdentificationDeviceId01	Unsigned32
0x101E	CfO_IdentificationVendorId01	Unsigned16
0x1404	CfO_ChannelMode02	Unsigned32
0x1424	CfO_IdentificationDeviceId02	Unsigned32
0x141E	CfO_IdentificationVendorId02	Unsigned16
0x1804	CfO_ChannelMode03	Unsigned32
0x1824	CfO_IdentificationDeviceId03	Unsigned32
0x181E	CfO_IdentificationVendorId03	Unsigned16
0x1C04	CfO_ChannelMode04	Unsigned32
0x1C24	CfO_IdentificationDeviceId04	Unsigned32
0x1C1E	CfO_IdentificationVendorId04	Unsigned16
0x00C1	CfO_OutputMTU	Unsigned8
0x00C3	CfO_InputMTU	Unsigned8
0x00C5	CfO_FlatStreamMode	Unsigned8
0x00C7	CfO_Forward	Unsigned8
0x00CC	CfO_ForwardDelay	Unsigned32

7.1. X20PD0011

HwId: 0x267D
Description: Potential distribution, 12x GND, internal

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PD0011_a		Unsigned8	
	Bit 0	StatusFuse	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PD0012

HwId: 0x267E

Description: Potential distribution, 12x 24V, internal

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PD0012_a		Unsigned8	
	Bit 0	StatusFuse	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PD0016

HwId: 0x2680

Description: Potential distribution, 6xGND 6x24V, external

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PD0016_a		Unsigned8	
	Bit 0	StatusFuse	
	Bit 1	StatusPowerSupply	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PD2113

HwId: 0x267F

Description: Potential distribution, 6xGND 6x24V, internal/external

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PD2113_a		Unsigned8	
	Bit 0	StatusFuse	
	Bit 1	StatusPowerSupply	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS2100

HwId: 0x1BBF

Description: 24 VDC power supply module for internal IO supply

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS2100_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS2110

HwId: 0x2016

Description: 24 VDC power supply module for internal IO supply, fuse

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS2110_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
	Bit 1	StatusInput03	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS3300

HwId: 0x1BC0

Description: 24 VDC power supply module for internal IO supply and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS3300_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS3300_C1

HwId: 0x1BC0

Description: 24 VDC power supply module for internal IO supply and bus

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS3310

HwId: 0x2017

Description: 24 VDC power supply module for internal IO supply and bus, fuse

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS3310_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS4951

HwId: 0x1F43

Description: 4 x ?10 V Potentiometer Supply

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS4951_a		Unsigned8	
	Bit 4	OpenLine01	
	Bit 5	OpenLine02	
	Bit 6	OpenLine03	
	Bit 7	OpenLine04	
	Bit 0	ShortCircuit01	
	Bit 1	ShortCircuit02	
	Bit 2	ShortCircuit03	
	Bit 3	ShortCircuit04	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS9400

HwId: 0x1F8C

Description: 24 VDC power supply module for BC, internal IO supply and bus

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS9400_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
SupplyCurrent		Unsigned8	
SupplyVoltage		Unsigned8	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS9400_C1

HwId: 0x1F8C

Description: 24 VDC power supply module for BC, internal IO supply and bus

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20PS9402

HwId: 0xA389
Description: 24 VDC power supply module for BC, internal IO supply and bus, no isolation

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20PS9402_a		Unsigned8	
	Bit 0	StatusInput01	
	Bit 2	StatusInput02	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X20ZF0000

HwId: 0xFFFF
Description: Dummy Module

Input		
Name	Input	Output
No Input Data		
Output		
Name	Input	Output
No Output Data		
Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

7.1. X67DS438A

HwId: 0xCAAE

Description: Interface Module IO-Link

Input		
Name	Input	Output
ModuleOK	Unsigned8	
ChannelStatus01	Unsigned8	
ChannelStatus02	Unsigned8	
ChannelStatus03	Unsigned8	
ChannelStatus04	Unsigned8	
InputData01a	Unsigned8	
InputData01b	Unsigned8	
InputData01c	Unsigned8	
InputData01d	Unsigned8	
InputData02a	Unsigned8	
InputData02b	Unsigned8	
InputData02c	Unsigned8	
InputData02d	Unsigned8	
InputData03a	Unsigned8	
InputData03b	Unsigned8	
InputData03c	Unsigned8	
InputData03d	Unsigned8	
InputData04a	Unsigned8	
InputData04b	Unsigned8	
InputData04c	Unsigned8	
InputData04d	Unsigned8	
EventPortSeq	Unsigned8	
EventQualifier	Unsigned8	
EventCode	Unsigned16	
ParameterCtrlIn	Unsigned8	
ParameterDataIn_0	Unsigned32	
Output		
Name	Input	Output
Outputs_X67DS438A_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DisablePowerSupply01
	Bit 5	DisablePowerSupply02
	Bit 6	DisablePowerSupply03
	Bit 7	DisablePowerSupply04
DsControl01		Unsigned8
DsControl02		Unsigned8
DsControl03		Unsigned8
DsControl04		Unsigned8
OutputData01a		Unsigned8
OutputData01b		Unsigned8
OutputData01c		Unsigned8
OutputData01d		Unsigned8
OutputData02a		Unsigned8
OutputData02b		Unsigned8
OutputData02c		Unsigned8
OutputData02d		Unsigned8

Output		
Name	Input	Output
OutputData03a		Unsigned8
OutputData03b		Unsigned8
OutputData03c		Unsigned8
OutputData03d		Unsigned8
OutputData04a		Unsigned8
OutputData04b		Unsigned8
OutputData04c		Unsigned8
OutputData04d		Unsigned8
EventQuit		Unsigned8
ParameterIndexOut		Unsigned16
ParameterSubIndexOut		Unsigned8
ParameterCtrlOut		Unsigned8
ParameterDataOut_0		Unsigned32

Acyclic registers		
Registeraddress	Name	Type
0x0201		Unsigned8
0x1004		Unsigned32
0x1024		Unsigned32
0x101E		Unsigned16
0x1404		Unsigned32
0x1424		Unsigned32
0x141E		Unsigned16
0x1804		Unsigned32
0x1824		Unsigned32
0x181E		Unsigned16
0x1C04		Unsigned32
0x1C24		Unsigned32
0x1C1E		Unsigned16

7.1. X67DS438A_C1

HwId: 0xCAAE

Description: Interface Module IO-Link

Input		
Name	Input	Output
ModuleOK	Unsigned8	
Inputs_X67DS438A_a	Unsigned8	
	Bit 0	DigitalInput01
	Bit 1	DigitalInput02
	Bit 2	DigitalInput03
	Bit 3	DigitalInput04
	Bit 4	DigitalInput05
	Bit 5	DigitalInput06
	Bit 6	DigitalInput07
	Bit 7	DigitalInput08
ChannelStatus01	Unsigned8	
ChannelStatus02	Unsigned8	
ChannelStatus03	Unsigned8	
ChannelStatus04	Unsigned8	
InputData01a	Unsigned8	
InputData01b	Unsigned8	
InputData01c	Unsigned8	
InputData01d	Unsigned8	
InputData02a	Unsigned8	
InputData02b	Unsigned8	
InputData02c	Unsigned8	
InputData02d	Unsigned8	
InputData03a	Unsigned8	
InputData03b	Unsigned8	
InputData03c	Unsigned8	
InputData03d	Unsigned8	
InputData04a	Unsigned8	
InputData04b	Unsigned8	
InputData04c	Unsigned8	
InputData04d	Unsigned8	
InputSequence	Unsigned8	
RxByte01	Unsigned8	
RxByte02	Unsigned8	
RxByte03	Unsigned8	
RxByte04	Unsigned8	
RxByte05	Unsigned8	
RxByte06	Unsigned8	
RxByte07	Unsigned8	
Output		
Name	Input	Output
Outputs_X67DS438A_a		Unsigned8
	Bit 0	DigitalOutput01
	Bit 1	DigitalOutput02
	Bit 2	DigitalOutput03
	Bit 3	DigitalOutput04
	Bit 4	DisablePowerSupply01
	Bit 5	DisablePowerSupply02
	Bit 6	DisablePowerSupply03
	Bit 7	DisablePowerSupply04

Output		
Name	Input	Output
DsControl01		Unsigned8
DsControl02		Unsigned8
DsControl03		Unsigned8
DsControl04		Unsigned8
OutputData01a		Unsigned8
OutputData01b		Unsigned8
OutputData01c		Unsigned8
OutputData01d		Unsigned8
OutputData02a		Unsigned8
OutputData02b		Unsigned8
OutputData02c		Unsigned8
OutputData02d		Unsigned8
OutputData03a		Unsigned8
OutputData03b		Unsigned8
OutputData03c		Unsigned8
OutputData03d		Unsigned8
OutputData04a		Unsigned8
OutputData04b		Unsigned8
OutputData04c		Unsigned8
OutputData04d		Unsigned8
OutputSequence		Unsigned8
TxByte01		Unsigned8
TxByte02		Unsigned8
TxByte03		Unsigned8
TxByte04		Unsigned8
TxByte05		Unsigned8
TxByte06		Unsigned8
TxByte07		Unsigned8

Acyclic registers		
Registeraddress	Name	Type
0x0201		Unsigned8
0x1004		Unsigned32
0x1024		Unsigned32
0x101E		Unsigned16
0x1404		Unsigned32
0x1424		Unsigned32
0x141E		Unsigned16
0x1804		Unsigned32
0x1824		Unsigned32
0x181E		Unsigned16
0x1C04		Unsigned32
0x1C24		Unsigned32
0x1C1E		Unsigned16
0x00C1		Unsigned8
0x00C3		Unsigned8
0x00C5		Unsigned8
0x00C7		Unsigned8
0x00CC		Unsigned32

8. Special Module (FW dependent)

8.1. X20cDI9371_C101

HwId: 0xD574

Description: Coated 12 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
Inputs_X20cDI9371_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20cDI9371_C101_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012		Unsigned8

8.1. X20cDO9322_C101

HwId: 0xD578

Description: Coated 12 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
No Input Data			
Output			
Name		Input	Output
Outputs_X20cDO9322_C101_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20cDO9322_C101_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

8.1. X20DI8371_C101

HwId: 0xA4AB

Description: 8 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
Inputs_X20DI8371_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

8.1. X20DI9371_C101

HwId: 0x1B95

Description: 12 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
Inputs_X20DI9371_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20DI9371_C101_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

8.1. X20DIF371_C101

HwId: 0xC0E8

Description: 16 Digital Inputs 24 VDC, Sink, IEC 61131-2, Type 1

Input			
Name		Input	Output
Inputs_X20DIF371_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Inputs_X20DIF371_C101_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 2	DigitalInput11	
	Bit 3	DigitalInput12	
	Bit 4	DigitalInput13	
	Bit 5	DigitalInput14	
	Bit 6	DigitalInput15	
	Bit 7	DigitalInput16	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
0x0012	ConfigOutput01	Unsigned8

8.1. X20DO8322_C101

HwId: 0xA4AC
Description: 8 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
No Input Data			
Output			
Name		Input	Output
Outputs_X20DO8322_C101_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

8.1. X20DO9322_C101

HwId: 0x1B9A

Description: 12 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
No Input Data			
Output			
Name		Input	Output
Outputs_X20DO9322_C101_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DO9322_C101_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

8.1. X20DOF322_C101

HwId: 0xC0EA

Description: 16 Outputs 24 VDC / 0.5 A

Input			
Name		Input	Output
No Input Data			
Output			
Name		Input	Output
Outputs_X20DOF322_C101_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
Outputs_X20DOF322_C101_b			Unsigned8
	Bit 0		DigitalOutput09
	Bit 1		DigitalOutput10
	Bit 2		DigitalOutput11
	Bit 3		DigitalOutput12
	Bit 4		DigitalOutput13
	Bit 5		DigitalOutput14
	Bit 6		DigitalOutput15
	Bit 7		DigitalOutput16

Acyclic registers			
Registeraddress	Name		Type
No acyclic Data			

8.1. X67AI1323_C101

HwId: 0x16F2

Description: 4 Inputs 0 to 20 mA

Input		
Name	Input	Output
AnalogInput01	Integer16	
AnalogInput02	Integer16	
AnalogInput03	Integer16	
AnalogInput04	Integer16	
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress	Name	Type
0x0010	ConfigOutput01	Unsigned8
0x0012	ConfigOutput02	Unsigned8
0x0014	ConfigOutput03	Unsigned16
0x0016	ConfigOutput04	Unsigned16

8.1. X67DI1371_C101

HwId: 0x1434
Description: 8 Inputs 24 VDC, 1 ms

Input			
Name		Input	Output
Inputs_X67DI1371_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
No Output Data			

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

8.1. X67DM1321_C101

HwId: 0x1311

Description: 8 In- /Outputs 24 VDC

Input			
Name		Input	Output
Inputs_X67DM1321_C101_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
Output			
Name		Input	Output
Outputs_X67DM1321_C101_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
I/O Mask			Unsigned8
Input filter			Unsigned8

Acyclic registers		
Registeraddress	Name	Type
No acyclic Data		

