PROFINET

GSDML Description
Package Version 1.44 (20200320)

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1. About this document

Description for GSDML Files:
- GSDML-V2.1-BR-X20BC00E3-20200320
- GSDML-V2.25-BR-X20BC00E3-20200320
- GSDML-V2.1-BR-X20cBC00E3-20200320
- GSDML-V2.25-BR-X20cBC00E3-20200320
- GSDML-V2.1-BR-X67BCE321.L12-20200320
- GSDML-V2.25-BR-X67BCE321.L12-20200320

This document is an assistance for PROFINET engineering systems which are not able to use the datapoint description of the GSDML file. Each IO-module in the GSDML file will be documented here.

Each table for an IO-module contains the cyclic input-/ output-datapoints and acyclic configuration registers handled via the GSDML file. These registers can be configured in the used engineering tool. Furthermore, some IO-modules have additional configuration registers, not covered by the GSDML file. These registers can be manipulated by acyclic PROFINET communication functions (acyclic read/write).
Warning!!! Improper register configuration can cause device problems. It is therefore strongly recommended that these registers only be changed by experienced users.

The order of the datapoints is the same, as in the PROFINET-Frame. The name and type of the cyclic datapoints are mentioned in the tables below. The names of the acyclic registers can be checked in the data sheets (chapter "register description") of the corresponding IO-modules. Use the registeraddress (dec) in this document as reference to the registername in the corresponding IO-module data sheet.

Please bear in mind that due to some limitations in the bus controller, for some IO-modules only a subset of registers documented in the data sheet is implemented in the GSDML file.
For some modules, different variants exist, marked with _Cx(e.g. X67DM1321.L08, X67DM1321.L08_C1, X67DM1321.L08_C2). These are hardware wise the same modules, differing only in the used function model or the IO- and configuration registers.

Example how to read this manual and especially how to derive the corresponding configuration registernames with aid of "GSDML registerdescription" and "IO-module data sheet".

GSDML-registerdescription

4.1. X20AO2437

HwId: 0xB785
Functionmodel: 254
Description: 2 Current Outputs, electrically isolated

First four digits of the serial number printed on the IO module in hex

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x018A	394	2
0x018E	398	2

Acyclic configuration register table

Cyclic IO register table for Inputs and Outputs

Depending on the configuration of the IO module, there can be different function models for one HW module

Acyclic configuration registeraddress which will be written on the IO module via GSDML file

I/O-module data sheet

X20(c)AO2437

11.4 Function model 254 - Bus controller

Register	Offset[1]	Name	Data type	Read		Write	
				Cyclic	Non-cyclic	Cyclic	Non-cyclic
Analog signal - Configuration							
386 394	-	AnalogMode01 AnalogMode02	UINT				•
390 398	-	DACSlewrate01 DACSlewrate02	UINT				•
Analog signal - Communication							
0 2	0 2	AnalogOutput01 AnalogOutput02	(U)INT			•	
30 31	-	AnalogStatus01 AnalogStatus02	USINT		•		
		OpenLineAnalogOutput01 or OpenLineAnalogOutput02	Bit 2				
		ConversionErrorAnalogOutput01 or ConversionErrorAnalogOutput02	Bit 3				
		IoSuppErrorAnalogOutput01 or IoSuppErrorAnalogOutput02	Bit 7				

2. ACOPOS

2.1. 8I64xxxxxxx.00X-1

HwId: 0xB0E4
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x232A	9002	2
0x2107	8455	2
0x23F0	9200	2
0x2110	8464	2
0x2394	9108	2
0x2311	8977	2
0x231B	8987	2
0x231C	8988	2
0x2324	8996	2
0x2421	9249	2
0x2422	9250	2
0x2327	8999	2
0x2375	9077	2
0x2376	9078	2
0x213C	8508	2
0x213B	8507	2
0x23A8	9128	2
0x2393	9107	2
0x2395	9109	2
0x2396	9110	2
0x2398	9112	2
0x239A	9114	2
0x2399	9113	2
0x2139	8505	2

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x213A	8506	2
0x0604	1540	4
0x060C	1548	4
0x0611	1553	4

3. Analog Input Module

3.1. X20AI1744

HwId: 0x1CDE
Functionmodel: 0
Description: 1 x DMS

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	2

3.1. X20AI1744_C1

HwId: 0x1CDE
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0640	1600	1

3.1. X20AI1744-3

HwId: 0xA4EF
Functionmodel: 0
Description: 1 x DMS

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

3.1. X20AI1744-3_C1

HwId: 0xA4EF
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0640	1600	1

3.1. X20AI2222

HwId: 0xCAB0
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0014	20	2
0x0016	22	2

3.1. X20AI2237

HwId: 0xC9C4
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x01AE	430	2
0x0186	390	2
0x01B2	434	2
0x0192	402	2
0x01BE	446	2
0x018E	398	2
0x01BA	442	2
0x0196	406	2
0x01C2	450	2
0x01A2	418	2
0x01CE	462	2
0x01A6	422	2
0x01D2	466	2
0x019E	414	2
0x01CA	458	2
0x019A	410	2
0x01C6	454	2

3.1. X20AI2322

HwId: 0xCAB2
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X20AI2437

HwId: 0xB784
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x01A2	418	2
0x01A6	422	2
0x01AA	426	2
0x01AE	430	2
0x01CA	458	2
0x01CE	462	2
0x018E	398	2
0x0192	402	2
0x01B6	438	2
0x01BA	442	2

3.1. X20AI2438

HwId: 0xB3A9
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x01A2	418	2
0x01A6	422	2
0x01AA	426	2
0x01AE	430	2
0x01CA	458	2
0x01CE	462	2
0x018E	398	2
0x0192	402	2
0x01B6	438	2
0x01BA	442	2

3.1. X20AI2622

HwId: 0x1B9E
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X20AI2632

HwId: 0x1BA0
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4

3.1. X20AI2632-1

HwId: 0xA29E
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4

3.1. X20AI4222

HwId: 0xCAB1
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0014	20	2
0x0016	22	2

3.1. X20AI4322

HwId: 0xCAB3
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X20AI4622

HwId: 0x1BAA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X20AI4632

HwId: 0x1BA1
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4
0x0141	321	1
0x0143	323	1
0x0146	326	2
0x014A	330	2
0x014E	334	2
0x0154	340	4
0x015C	348	4
0x0161	353	1
0x0163	355	1
0x0166	358	2
0x016A	362	2
0x016E	366	2
0x0174	372	4
0x017C	380	4

3.1. X20AI4632-1

HwId: 0xA29D
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4
0x0141	321	1
0x0143	323	1
0x0146	326	2
0x014A	330	2
0x014E	334	2
0x0154	340	4
0x015C	348	4
0x0161	353	1
0x0163	355	1
0x0166	358	2
0x016A	362	2
0x016E	366	2
0x0174	372	4
0x017C	380	4

3.1. X20AI8221

HwId: 0xD82F
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	2
0x0014	20	2
0x0016	22	2

3.1. X20AI8321

HwId: 0xD831
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	2
0x0012	18	2
0x0014	20	2
0x0016	22	2

3.1. X20AIA744

HwId: 0xE50C
Functionmodel: 0
Description: 2x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer32	
AnalogInput02	Integer32	
StatusPacked01	Unsigned8	
StatusPacked02	Unsigned8	
AdcConvCtr01	Integer8	
AdcConvTimeStamp01	Integer32	
Output		
Name	Input	Output
ControlPacked01		Unsigned16
ControlPacked02		Unsigned16

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0202	514	2
0x0242	578	2

3.1. X20AIB744

HwId: 0xE286
Functionmodel: 0
Description: 4x DMS

Input		
Name	Input	Output
ModuleOK	Unsigned8	
AnalogInput01	Integer32	
AnalogInput02	Integer32	
AnalogInput03	Integer32	
AnalogInput04	Integer32	
StatusPacked01	Unsigned8	
StatusPacked02	Unsigned8	
StatusPacked03	Unsigned8	
StatusPacked04	Unsigned8	
AdcConvCtr01	Integer8	
AdcConvTimeStamp01	Integer32	
Output		
Name	Input	Output
ControlPacked01		Unsigned16
ControlPacked02		Unsigned16
ControlPacked03		Unsigned16
ControlPacked04		Unsigned16

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0202	514	2
0x0242	578	2
0x0282	642	2
0x02C2	706	2

3.1. X20AP3111

HwId: 0xC9DA
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2

3.1. X20AP3111_C1

HwId: 0xC9DA
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2
0x0801	2049	1
0x0803	2051	1

3.1. X20AP3121

HwId: 0xC9DB
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2

3.1. X20AP3121_C1

HwId: 0xC9DB
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2
0x0801	2049	1
0x0803	2051	1

3.1. X20AP3131

HwId: 0xC9DC
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2

3.1. X20AP3131_C1

HwId: 0xC9DC
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2
0x0801	2049	1
0x0803	2051	1

3.1. X20AP3161

HwId: 0xE17B
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2

3.1. X20AP3161_C1

HwId: 0xE17B
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x041E	1054	2
0x041A	1050	2
0x048A	1162	2
0x0402	1026	2
0x0442	1090	2
0x040A	1034	2
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x0446	1094	2
0x044A	1098	2
0x0801	2049	1
0x0803	2051	1

3.1. X20AT2222

HwId: 0x1BA6
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

3.1. X20AT2222_C1

HwId: 0x1BA6
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

3.1. X20AT2311

HwId: 0xA4AA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0801	2049	1
0x0803	2051	1

3.1. X20AT2402

HwId: 0x1BA8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X20AT2402_C1

HwId: 0x1BA8
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X20AT4222

HwId: 0x1BA7
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X20AT4222_C1

HwId: 0x1BA7
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X20AT6402

HwId: 0x1BA9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X20AT6402_C1

HwId: 0x1BA9
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X20ATA312

HwId: 0xE0E4
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0082	130	2
0x0202	514	2
0x0242	578	2

3.1. X20ATA492

HwId: 0xBB98
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0182	386	2
0x019E	414	2
0x01A2	418	2
0x01AE	430	2
0x01AA	426	2
0x01C6	454	2
0x01CA	458	2

3.1. X20ATB312

HwId: 0xE0EF
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0082	130	2
0x0202	514	2
0x0242	578	2
0x0282	642	2
0x02C2	706	2

3.1. X20ATC402

HwId: 0xBB99
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0402	1026	2
0x0442	1090	2
0x0482	1154	2
0x04C2	1218	2
0x0502	1282	2
0x0542	1346	2
0x0582	1410	2

3.1. X20cAI2438

HwId: 0xE1EE
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x01A2	418	2
0x01A6	422	2
0x01AA	426	2
0x01AE	430	2
0x01CA	458	2
0x01CE	462	2
0x018E	398	2
0x0192	402	2
0x01B6	438	2
0x01BA	442	2

3.1. X20cAI4622

HwId: 0xE1EF
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X20cAI4632

HwId: 0xE1F0
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4
0x0141	321	1
0x0143	323	1
0x0146	326	2
0x014A	330	2
0x014E	334	2
0x0154	340	4
0x015C	348	4
0x0161	353	1
0x0163	355	1
0x0166	358	2
0x016A	362	2
0x016E	366	2
0x0174	372	4
0x017C	380	4

3.1. X20cAI4632-1

HwId: 0xD57A
Functionmodel: 0
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	ConvertionCycle	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0186	390	2
0x0101	257	1
0x0103	259	1
0x0106	262	2
0x010A	266	2
0x010E	270	2
0x0114	276	4
0x011C	284	4
0x0121	289	1
0x0123	291	1
0x0126	294	2
0x012A	298	2
0x012E	302	2
0x0134	308	4
0x013C	316	4
0x0141	321	1
0x0143	323	1
0x0146	326	2
0x014A	330	2
0x014E	334	2
0x0154	340	4
0x015C	348	4
0x0161	353	1
0x0163	355	1
0x0166	358	2
0x016A	362	2
0x016E	366	2
0x0174	372	4
0x017C	380	4

3.1. X20cAT4222

HwId: 0xE215
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X20cAT4222_C1

HwId: 0xE215
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X20cAT6402

HwId: 0xDD57
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X20cAT6402_C1

HwId: 0xDD57
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0018	24	1
0x001A	26	1
0x001B	27	1

3.1. X67AI1223

HwId: 0x16F1
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

3.1. X67AI1323

HwId: 0x16F2
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

3.1. X67AI1333

HwId: 0xAB1C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

3.1. X67AI2744

HwId: 0x2274
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

3.1. X67AI4850

HwId: 0x26E5
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

3.1. X67AT1311

HwId: 0xD21B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X67AT1311-C01

HwId: 0xD2A8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X67AT1322

HwId: 0x1488
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	2

3.1. X67AT1402

HwId: 0x1486
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

4. Analog Output Module

4.1. X20AO2437

HwId: 0xB785
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x018A	394	2
0x018E	398	2

4.1. X20AO2438

HwId: 0xB3AA
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x018A	394	2
0x018E	398	2

4.1. X20AO2622

HwId: 0x1BA2
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

4.1. X20AO2632

HwId: 0x1BA4
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20AO2632-1

HwId: 0xC36E
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20AO4622

HwId: 0x1BA3
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

4.1. X20AO4632

HwId: 0x1BA5
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20AO4632-1

HwId: 0xC36F
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20AO4635

HwId: 0xA7FE
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20cAO2437

HwId: 0xE1F2
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x018A	394	2
0x018E	398	2

4.1. X20cAO2438

HwId: 0xE211
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0182	386	2
0x0186	390	2
0x018A	394	2
0x018E	398	2

4.1. X20cAO4622

HwId: 0xE212
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

4.1. X20cAO4632

HwId: 0xD575
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20cAO4632-1

HwId: 0xE213
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	2

4.1. X20MM2436

HwId: 0x26B5
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x001E	30	1
0x001F	31	1
0x0012	18	1
0x0014	20	1
0x0026	38	1
0x0027	39	1

4.1. X20MM3332

HwId: 0xA982
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

4.1. X20MM4331

HwId: 0xA976
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

4.1. X20MM4456

HwId: 0xA177
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0050	80	2
0x0058	88	2
0x0060	96	2
0x0040	64	1
0x0041	65	1

4.1. X20MM4456_C1

HwId: 0xA177
Functionmodel: 0
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
	Bit 7		OutputEnable01
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
	Bit 7		OutputEnable02
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
	Bit 7		OutputEnable03
PulseWidthCurrentPWM04			Integer16
Outputs_X20MM4456_d			Unsigned8
	Bit 0		TriggerEdge04
	Bit 1		StartTrigger04
	Bit 2		StartLatch04
	Bit 3		DitherDisable04
	Bit 4		ClearError04

Output			
Name		Input	Output
	Bit 5		ShowMeanCurrent04
	Bit 6		ResetCounter04
	Bit 7		OutputEnable04

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0050	80	2
0x0058	88	2
0x0060	96	2
0x0040	64	1
0x0041	65	1
0x004A	74	2
0x004C	76	2
0x004E	78	2
0x0068	104	2
0x0052	82	2
0x0054	84	2
0x0056	86	2
0x006A	106	2
0x005A	90	2
0x005C	92	2
0x005E	94	2
0x006C	108	2
0x0062	98	2
0x0064	100	2
0x0066	102	2
0x006E	110	2

4.1. X20SM1426

HwId: 0x2681
Functionmodel: 3
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0033	51	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4

4.1. X20SM1426_C1

HwId: 0x2681
Functionmodel: 3
Description: 1x Stepper motor module 1A, 4 DI
Requires at least FW Version: 200

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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0033	51	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4
0x004E	78	2

4.1. X20SM1436

HwId: 0x2682
Functionmodel: 3
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0033	51	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4

4.1. X20SM1436_C1

HwId: 0x2682
Functionmodel: 3
Description: 1x Stepper motor module 3A, 4 DI
Requires at least FW Version: 200

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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0033	51	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4
0x004E	78	2

4.1. X20SM1436-1

HwId: 0xF1B0
Functionmodel: 3
Description: X20 Stepper motor module, 1x 2.5A, 18-60V, 4x 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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x004E	78	2
0x0082	130	2
0x0078	120	2
0x007C	124	2
0x007A	122	2
0x007E	126	2
0x0084	132	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4

4.1. X20SM1446-1

HwId: 0xF3B0
Functionmodel: 3
Description: X20 Stepper motor module, 1x 5A, 18-60V, 4x 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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x004E	78	2
0x0082	130	2
0x0078	120	2
0x007C	124	2
0x007A	122	2
0x007E	126	2
0x0084	132	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0034	52	2
0x0036	54	2
0x0038	56	2
0x003A	58	2
0x003C	60	4
0x0040	64	4
0x0044	68	2
0x004A	74	1
0x004B	75	1
0x0046	70	1
0x0132	306	1
0x0134	308	1
0x0158	344	4
0x015C	348	4

4.1. X67AO1223

HwId: 0x16F3
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

4.1. X67AO1223-1

HwId: 0xA345
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

4.1. X67AO1323

HwId: 0x16F4
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

4.1. X67MM2436

HwId: 0x2273
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x001E	30	1
0x0004	4	1
0x0012	18	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x001F	31	1

4.1. X67SM2436

HwId: 0x1DCB
Functionmodel: 3
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0088	136	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x0034	52	2
0x0074	116	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x003A	58	2
0x007A	122	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x0044	68	2
0x0084	132	2
0x004A	74	1
0x008A	138	1
0x004B	75	1
0x008B	139	1
0x0046	70	1
0x0086	134	1
0x0033	51	1
0x0073	115	1
0x0130	304	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0132	306	1
0x017C	380	4
0x0180	384	4
0x0134	308	1
0x0184	388	4
0x0188	392	4

4.1. X67SM2436_C1

HwId: 0x1DCB
Functionmodel: 3
Description: 2x Stepper motor module 3A, 2x3 DI
Requires at least FW Version: 200, HW Variant: 4

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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0048	72	2
0x0088	136	2
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x0034	52	2
0x0074	116	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x003A	58	2
0x007A	122	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x0044	68	2
0x0084	132	2
0x004A	74	1
0x008A	138	1
0x004B	75	1
0x008B	139	1
0x0046	70	1
0x0086	134	1
0x0033	51	1
0x0073	115	1
0x0130	304	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0132	306	1
0x017C	380	4
0x0180	384	4
0x0134	308	1
0x0184	388	4
0x0188	392	4
0x004E	78	2
0x008E	142	2

4.1. X67SM4320

HwId: 0x1DCC
Functionmodel: 3
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x00B0	176	1
0x00B1	177	1
0x00B2	178	1
0x00F0	240	1
0x00F1	241	1
0x00F2	242	1
0x0034	52	2
0x0074	116	2
0x00B4	180	2
0x00F4	244	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x00B6	182	2
0x00B8	184	2

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x00F6	246	2
0x00F8	248	2
0x003A	58	2
0x007A	122	2
0x00BA	186	2
0x00FA	250	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x00BC	188	4
0x00C0	192	4
0x00FC	252	4
0x0100	256	4
0x0044	68	2
0x0084	132	2
0x00C4	196	2
0x0104	260	2
0x004A	74	1
0x008A	138	1
0x00CA	202	1
0x010A	266	1
0x004B	75	1
0x008B	139	1
0x00CB	203	1
0x010B	267	1
0x0046	70	1
0x0086	134	1
0x00C6	198	1
0x0106	262	1
0x0033	51	1
0x0073	115	1
0x00B3	179	1
0x00F3	243	1
0x0134	308	1
0x01C0	448	4
0x01C4	452	4
0x01C8	456	4
0x01CC	460	4
0x01D0	464	4
0x01D4	468	4
0x01D8	472	4
0x01DC	476	4

4.1. X67SM4320_C1

HwId: 0x1DCC
Functionmodel: 3
Description: 4x Stepper motor module 1A
Requires at least FW Version: 200

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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x00B0	176	1
0x00B1	177	1
0x00B2	178	1
0x00F0	240	1
0x00F1	241	1
0x00F2	242	1
0x0034	52	2
0x0074	116	2
0x00B4	180	2
0x00F4	244	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x00B6	182	2
0x00B8	184	2

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x00F6	246	2
0x00F8	248	2
0x003A	58	2
0x007A	122	2
0x00BA	186	2
0x00FA	250	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x00BC	188	4
0x00C0	192	4
0x00FC	252	4
0x0100	256	4
0x0044	68	2
0x0084	132	2
0x00C4	196	2
0x0104	260	2
0x004A	74	1
0x008A	138	1
0x00CA	202	1
0x010A	266	1
0x004B	75	1
0x008B	139	1
0x00CB	203	1
0x010B	267	1
0x0046	70	1
0x0086	134	1
0x00C6	198	1
0x0106	262	1
0x0033	51	1
0x0073	115	1
0x00B3	179	1
0x00F3	243	1
0x0134	308	1
0x01C0	448	4
0x01C4	452	4
0x01C8	456	4
0x01CC	460	4
0x01D0	464	4
0x01D4	468	4
0x01D8	472	4
0x01DC	476	4
0x004E	78	2
0x008E	142	2
0x00CE	206	2
0x010E	270	2

5. Digital Input Module

5.1. X20cDI4371

HwId: 0xE21F
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20cDI4375

HwId: 0xE220
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0802	2050	2
0x0805	2053	1

5.1. X20cDI4760

HwId: 0xE221
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

5.1. X20cDI6371

HwId: 0xE222
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20cDI6372

HwId: 0xE223
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20cDI9371

HwId: 0xD574
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20cDI9372

HwId: 0xE224
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20cDIF371

HwId: 0xDD44
Functionmodel: 0
Description: Coated 16 Digital Inputs 24 VDC, Sink

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDIF371_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_X20cDIF371_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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI0471

HwId: 0xE7CE
Functionmodel: 0
Description: X20 Digital 10xE, 48V, Sink, 1 Leiter

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DI0471_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_X20DI0471_b		Unsigned8	
	Bit 0	DigitalInput09	
	Bit 1	DigitalInput10	
	Bit 7	ReferenceStatus	

Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI2371

HwId: 0x1B8D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI2372

HwId: 0x22A7
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI2377

HwId: 0x1B8E
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI2377_C1

HwId: 0x1B8E
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI2653

HwId: 0x2544
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI4371

HwId: 0x1B92
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI4372

HwId: 0x22A8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI4375

HwId: 0xA911
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0802	2050	2
0x0805	2053	1

5.1. X20DI4653

HwId: 0x2545
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI4760

HwId: 0x2105
Functionmodel: 0
Description: 4x Namur IN, 8.05 VDC

Input			
Name		Input	Output
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		Input	Output
No Output Data			

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

5.1. X20DI6371

HwId: 0x1B93
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI6372

HwId: 0x1B94
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI6373

HwId: 0xA7A2
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI6553

HwId: 0x256F
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI8371

HwId: 0xA4AB
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI9371

HwId: 0x1B95
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DI9372

HwId: 0x1D28
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DID371

HwId: 0xC0E7
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X20DIF371

HwId: 0xC0E8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

5.1. X67DI1371

HwId: 0x1434
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

5.1. X67DI1371.L08

HwId: 0x1A1A
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

5.1. X67DI1371.L12

HwId: 0x1A1B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

5.1. X67DI1372

HwId: 0xC5E9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6. Digital Output Module

6.1. X20cDO2633

HwId: 0xE680
Functionmodel: 0
Description: X20c 2 Outputs 48 - 240 VAC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO2633_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 4	ZeroCrossingInput	
	Bit 6	ZeroCrossingWarning	
	Bit 7	ZeroCrossingStatus	

Output		
Name	Input	Output
AnalogOutput01		Unsigned8
AnalogOutput02		Unsigned8

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x001D	29	1
0x001C	28	1

6.1. X20cDO2633_C1

HwId: 0xE680
Functionmodel: 2
Description: X20c 2 Outputs 48 - 240 VAC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO2633_C1_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 4	ZeroCrossingInput	
	Bit 7	ZeroCrossingStatus	
Output			
Name		Input	Output
AnalogOutput01			Unsigned8
AnalogOutput02			Unsigned8

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x001D	29	1
0x0012	18	2
0x001C	28	1

6.1. X20cDO4332

HwId: 0xE227
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDO4633

HwId: 0xE67D
Functionmodel: 0
Description: X20c 4 Outputs 48 - 240 VAC / 1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO4633_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 2	LowCurrentStatus3	
	Bit 3	LowCurrentStatus4	
	Bit 4	ZeroCrossingInput	
	Bit 6	ZeroCrossingWarning	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x001C	28	1

6.1. X20cDO4633_C1

HwId: 0xE67D
Functionmodel: 2
Description: X20c 4 Outputs 48 - 240 VAC / 1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDO4633_C1_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 2	LowCurrentStatus3	
	Bit 3	LowCurrentStatus4	
	Bit 4	ZeroCrossingInput	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x0012	18	2
0x001C	28	1

6.1. X20cDO6321

HwId: 0xE228
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDO6639

HwId: 0xE22A
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDO8331

HwId: 0xE22B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDO9321

HwId: 0xE22D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDO9322

HwId: 0xD578
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20cDOF322

HwId: 0xDD4C
Functionmodel: 0
Description: X20c 16x dig. Output 24 VDC / 0.5 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20cDOF322_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_X20cDOF322_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_X20cDOF322_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_X20cDOF322_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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO2321

HwId: 0x22B3
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO2322

HwId: 0x1B96
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO2623

HwId: 0x267B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x001C	28	1

6.1. X20DO2633

HwId: 0xAC39
Functionmodel: 0
Description: X20 2 Outputs 48 - 240 VAC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO2633_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 4	ZeroCrossingInput	
	Bit 6	ZeroCrossingWarning	
	Bit 7	ZeroCrossingStatus	
Output			
Name		Input	Output
AnalogOutput01			Unsigned8
AnalogOutput02			Unsigned8

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x001D	29	1
0x001C	28	1

6.1. X20DO2633_C1

HwId: 0xAC39
Functionmodel: 2
Description: X20 2 Outputs 48 - 240 VAC / 2 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO2633_C1_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 4	ZeroCrossingInput	
	Bit 7	ZeroCrossingStatus	
Output			
Name		Input	Output
AnalogOutput01			Unsigned8
AnalogOutput02			Unsigned8

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x001D	29	1
0x0012	18	2
0x001C	28	1

6.1. X20DO2649

HwId: 0x20DA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4321

HwId: 0x22B4
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4322

HwId: 0x1B97
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4331

HwId: 0x22B5
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4332

HwId: 0x1B9C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4529

HwId: 0x20D9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO4613

HwId: 0xAD05
Functionmodel: 0
Description: X20 4 Outputs for ext. Triac, 48 - 240 VAC / 0.05 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4613_a		Unsigned8	
	Bit 4	ZeroCrossingInput	
	Bit 6	ZeroCrossingWarning	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x001C	28	1

6.1. X20DO4613_C1

HwId: 0xAD05
Functionmodel: 2
Description: X20 4 Outputs for ext. Triac, 48 - 240 VAC / 0.05 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4613_C1_a		Unsigned8	
	Bit 4	ZeroCrossingInput	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x0012	18	2
0x001C	28	1

6.1. X20DO4623

HwId: 0x267C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x001C	28	1

6.1. X20DO4633

HwId: 0xAC3A
Functionmodel: 0
Description: X20 4 Outputs 48 - 240 VAC / 1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4633_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 2	LowCurrentStatus3	
	Bit 3	LowCurrentStatus4	
	Bit 4	ZeroCrossingInput	
	Bit 6	ZeroCrossingWarning	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x001C	28	1

6.1. X20DO4633_C1

HwId: 0xAC3A
Functionmodel: 2
Description: X20 4 Outputs 48 - 240 VAC / 1 A

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DO4633_C1_a		Unsigned8	
	Bit 0	LowCurrentStatus1	
	Bit 1	LowCurrentStatus2	
	Bit 2	LowCurrentStatus3	
	Bit 3	LowCurrentStatus4	
	Bit 4	ZeroCrossingInput	
	Bit 7	ZeroCrossingStatus	

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001D	29	1
0x0012	18	2
0x001C	28	1

6.1. X20DO4649

HwId: 0xA704
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO6321

HwId: 0x1B99
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO6322

HwId: 0x1B98
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO6325

HwId: 0xE284
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0004	4	1

6.1. X20DO6529

HwId: 0x2019
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO6639

HwId: 0xDF50
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8232

HwId: 0xA4AD
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8232_C1

HwId: 0xA4AD
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8322

HwId: 0xA4AC
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8323

HwId: 0xDF4E
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8331

HwId: 0x22EB
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8331_C1

HwId: 0x22EB
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8332

HwId: 0x1B9D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO8332_C1

HwId: 0x1B9D
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO9321

HwId: 0x1B9B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DO9322

HwId: 0x1B9A
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DOD322

HwId: 0xC0E9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X20DOF322

HwId: 0xC0EA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X67DO1332

HwId: 0x1467
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

6.1. X67DO9332.L12

HwId: 0x2658
Functionmodel: 0
Description: 8 Outputs 24 VDC / 2 A

Input			
Name		Input	Output
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		Input	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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

7. Mixed Module

7.1. X20CM0985

HwId: 0x2433
Functionmodel: 0
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	

Input			
Name		Input	Output
	Bit 4	StatusInput13	
	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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0A5E	2654	2
0x0A01	2561	1
0x0A03	2563	1
0x0A05	2565	1
0x0A07	2567	1
0x0A09	2569	1
0x0A0B	2571	1
0x0A8A	2698	2
0x0A12	2578	2
0x0A16	2582	2
0x0A1A	2586	2
0x0A1E	2590	2
0x0A22	2594	2
0x0A26	2598	2
0x0A2A	2602	2
0x0A2E	2606	2
0x0A32	2610	2
0x0A36	2614	2
0x0ADE	2782	2
0x0AE6	2790	2
0x0A62	2658	2
0x0A96	2710	2
0x0A66	2662	2
0x0A9E	2718	2
0x0A6A	2666	2
0x0AA6	2726	2
0x0A6E	2670	2
0x0AAE	2734	2
0x0A72	2674	2
0x0AB6	2742	2

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0AD6	2774	2
0x0A76	2678	2
0x0ABE	2750	2
0x0A7A	2682	2
0x0AC6	2758	2
0x0A7E	2686	2
0x0A82	2690	2
0x0A86	2694	2
0x0ACE	2766	2
0x0A42	2626	2
0x0A46	2630	2
0x0A4A	2634	2
0x0A4E	2638	2
0x0A3A	2618	2
0x0A5A	2650	2
0x0AEA	2794	2
0x0AEE	2798	2
0x0A3E	2622	2

7.1. X20CM1201

HwId: 0x21EF
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0082	130	2

7.1. X20CM1941

HwId: 0x1E85
Functionmodel: 0
Description: Resolver

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0016	22	1
0x0014	20	2

7.1. X20CM8281

HwId: 0x24C3
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x000C	12	1
0x0016	22	1
0x0018	24	1
0x001A	26	2
0x001C	28	2

7.1. X20CM8323

HwId: 0x1D43
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x000C	12	1
0x000D	13	1
0x000E	14	1
0x000F	15	1
0x0010	16	1
0x0011	17	1
0x0012	18	1
0x0013	19	1
0x0014	20	1
0x0015	21	1
0x0016	22	1
0x0017	23	1
0x0018	24	1
0x0019	25	1
0x001A	26	1
0x001B	27	1
0x001C	28	1
0x001D	29	1
0x001E	30	1
0x0026	38	1

7.1. X20CM8323_C1

HwId: 0x1D43
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x000C	12	1
0x000D	13	1
0x000E	14	1
0x000F	15	1
0x0010	16	1
0x0011	17	1
0x0012	18	1
0x0013	19	1
0x0014	20	1
0x0015	21	1
0x0016	22	1
0x0017	23	1
0x0018	24	1
0x0019	25	1
0x001A	26	1
0x001B	27	1
0x001C	28	1
0x001D	29	1
0x001E	30	1
0x0026	38	1

7.1. X20DC1176

HwId: 0xA706
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC1198

HwId: 0x1BB0
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0100	256	1
0x0102	258	1
0x0040	64	1
0x0042	66	1
0x004A	74	1
0x0000	0	1
0x0002	2	1
0x0008	8	1
0x000A	10	1
0x1C00	7168	2
0x1C04	7172	4

7.1. X20DC11A6

HwId: 0xB76B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC11A6_C1

HwId: 0xB76B
Functionmodel: 0
Description: Counter, 1x ABR, 5 V, 5 MHz, Wire monitoring

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X20DC11A6_C1_a		Unsigned8	
	Bit 0	PowerSupply01	
	Bit 1	PowerSupply02	
Inputs_X20DC11A6_C1_b		Unsigned8	
	Bit 0	BW_Channel_A	
	Bit 1	BW_Channel_B	
	Bit 2	BW_Channel_R	
Inputs_X20DC11A6_C1_c		Unsigned8	
	Bit 0	Encoder01_A	
	Bit 1	Encoder01_B	
	Bit 2	Encoder01_R	
	Bit 4	DigitalInput01	
	Bit 5	DigitalInput02	
Encoder01LatchCount		Integer8	
Encoder01		Integer32	
Encoder01Latch		Integer32	

Output			
Name		Input	Output
Outputs_X20DC11A6_C1_a			Unsigned8
	Bit 0		BW_QuitChannel_A
	Bit 1		BW_QuitChannel_B
	Bit 2		BW_QuitChannel_R
Outputs_X20DC11A6_C1_b			Unsigned8
	Bit 0		Encoder01Reset
	Bit 1		Encoder01LatchEnable

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC1376

HwId: 0xA705
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC137A

HwId: 0xDD28
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC1396

HwId: 0x1BAC
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x100A	4106	1
0x0200	512	2
0x0208	520	1
0x020A	522	1
0x0810	2064	2

7.1. X20DC1398

HwId: 0x1BAE
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0100	256	1
0x0102	258	1
0x0040	64	1
0x0042	66	1
0x0000	0	1
0x0002	2	1
0x0006	6	1
0x1C00	7168	2
0x1C04	7172	4

7.1. X20DC1976

HwId: 0xA707
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x0282	642	2
0x0301	769	1
0x0303	771	1
0x0305	773	1
0x0309	777	1
0x030B	779	1
0x1801	6145	1
0x1803	6147	1
0x1805	6149	1
0x1807	6151	1
0x0334	820	4
0x032F	815	1
0x180F	6159	1

7.1. X20DC2395

HwId: 0x1CD4
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	1
0x0002	2	1
0x0004	4	1
0x0006	6	1
0x0040	64	1
0x0042	66	1
0x0044	68	1
0x0046	70	1
0x0808	2056	1
0x0908	2312	1
0x1800	6144	2
0x1810	6160	2

7.1. X20DC2398

HwId: 0x1BAD
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0100	256	1
0x0102	258	1
0x0040	64	1
0x0042	66	1
0x0048	72	1
0x004A	74	1
0x0000	0	1
0x0002	2	1
0x0006	6	1
0x0008	8	1
0x000A	10	1
0x000E	14	1
0x1C00	7168	2
0x1D00	7424	2
0x1C04	7172	4
0x1D04	7428	4

7.1. X20DC4395

HwId: 0x1CC5
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0000	0	1
0x0002	2	1
0x0004	4	1
0x0006	6	1
0x0008	8	1
0x000A	10	1
0x000C	12	1
0x000E	14	1
0x0040	64	1
0x0042	66	1
0x0044	68	1
0x0046	70	1
0x0048	72	1
0x004A	74	1
0x004C	76	1
0x004E	78	1
0x0A10	2576	2
0x0A14	2580	2
0x0A00	2560	1
0x0A08	2568	1
0x0A0A	2570	1
0x0A40	2624	2
0x0A48	2632	2
0x0220	544	2
0x0224	548	1
0x100A	4106	1
0x1008	4104	1
0x0908	2312	1
0x1C00	7168	2
0x1C0C	7180	1
0x1C04	7172	4
0x1810	6160	2
0x1830	6192	2

7.1. X20DM9324

HwId: 0x20B9
Functionmodel: 0
Description: 8 Digital Inputs 24 VDC, Sink; 4 Outputs 24 VDC / 0.5 A, Source

Input			
Name		Input	Output
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	Output
Outputs_X20DM9324_a			Unsigned8
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

7.1. X67AM1223

HwId: 0x1465
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

7.1. X67AM1323

HwId: 0x1466
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

7.1. X67DC1198

HwId: 0x18D0
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0C10	3088	2
0x0B0A	2826	1
0x1D08	7432	2
0x1810	6160	2
0x0200	512	2

7.1. X67DC1198_C1

HwId: 0x18D0
Functionmodel: 0
Description: 8 In- / Outputs 24 VDC; 6 In- / Outputs 5 VDC; SSI; PWM

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_X67DC1198_C1_a		Unsigned16	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	StatusDigitalOutput05	
	Bit 5	StatusDigitalOutput06	
	Bit 6	StatusDigitalOutput07	
	Bit 7	StatusDigitalOutput08	
	Bit 9	StatusDigitalOutput10	
	Bit 13	StatusDigitalOutput14	
SSIConnector01		Unsigned32	
SSIConnector03		Unsigned32	

Output			
Name		Input	Output
Outputs_X67DC1198_C1_a			Unsigned16
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 9		DigitalOutput10
	Bit 13		DigitalOutput14

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x100A	4106	2
0x1008	4104	2
0x0102	258	2
0x0100	256	2
0x0040	64	1
0x0042	66	1
0x0044	68	1
0x0046	70	1
0x0048	72	1
0x004A	74	1
0x004C	76	1
0x004E	78	1
0x0000	0	1
0x0002	2	1
0x0004	4	1
0x0006	6	1
0x0008	8	1
0x000A	10	1
0x000C	12	1
0x000E	14	1
0x0010	16	1
0x0012	18	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1
0x0016	22	1
0x0018	24	1
0x001A	26	1
0x001C	28	1
0x001E	30	1
0x1C0C	7180	1
0x1C00	7168	2
0x1C04	7172	4
0x1D0C	7436	1
0x1D00	7424	2
0x1D04	7428	4

7.1. X67DM1321

HwId: 0x1311
Functionmodel: 2
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

7.1. X67DM1321.L08

HwId: 0x1A1C
Functionmodel: 2
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L08_C1

HwId: 0x1A1C
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L08_C2

HwId: 0x1A1C
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1

7.1. X67DM1321.L12

HwId: 0x1A1D
Functionmodel: 2
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L12_C1

HwId: 0x1A1D
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L12_C2

HwId: 0x1A1D
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1

7.1. X67DM1321.L12-1

HwId: 0xDAC0
Functionmodel: 2
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L12-1_C1

HwId: 0xDAC0
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0011	17	1
0x0012	18	1

7.1. X67DM1321.L12-1_C2

HwId: 0xDAC0
Functionmodel: 1
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0011	17	1
0x0012	18	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0014	20	1

7.1. X67DM1321_C1

HwId: 0x1311
Functionmodel: 1
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

Output			
Name		Input	Output
	Bit 2		QuitInputLatch03
	Bit 3		QuitInputLatch04
	Bit 4		QuitInputLatch05
	Bit 5		QuitInputLatch06
	Bit 6		QuitInputLatch07
	Bit 7		QuitInputLatch08

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

7.1. X67DM1321_C2

HwId: 0x1311
Functionmodel: 1
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

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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	1

7.1. X67DM9331.L12

HwId: 0x1B15
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1

7.1. X67DV1311.L08

HwId: 0x1AED
Functionmodel: 0
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

Output			
Name		Input	Output
Outputs_X67DV1311.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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

7.1. X67DV1311.L12

HwId: 0x1AEE
Functionmodel: 0
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

Output			
Name		Input	Output
Outputs_X67DV1311.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

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

7.1. X67IF1121-1

HwId: 0xA90F
Functionmodel: 254
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

Output			
Name		Input	Output
	Bit 3		DigitalOutput04
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0501	1281	1
0x0104	260	4
0x0304	772	4
0x014C	332	4
0x034C	844	4
0x010C	268	4
0x030C	780	4
0x00C4	196	4
0x00D4	212	4

7.1. X67UM1352

HwId: 0x1CDF
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x001A	26	1

7.1. X67UM4389

HwId: 0xA174
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8. Other Module

8.1. 0AC190.1-NOR

HwId: 0xA0E9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-K20

HwId: 0x2703
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-K21

HwId: 0x2704
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-K46

HwId: 0xB4F8
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0000.00-K46_a		Unsigned16	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	
	Bit 5	DigitalInput06	
	Bit 6	DigitalInput07	
	Bit 7	DigitalInput08	
	Bit 8	DigitalInput09	
	Bit 9	DigitalInput10	
	Bit 10	DigitalInput11	
	Bit 11	DigitalInput12	
	Bit 12	DigitalInput13	
	Bit 13	DigitalInput14	
	Bit 14	DigitalInput15	
	Bit 15	DigitalInput16	
Inputs_4XP0000.00-K46_b		Unsigned16	
	Bit 0	DigitalInput17	
	Bit 1	DigitalInput18	
	Bit 2	DigitalInput19	
	Bit 3	DigitalInput20	
	Bit 4	DigitalInput21	
	Bit 5	DigitalInput22	
	Bit 6	DigitalInput23	
	Bit 7	DigitalInput24	
	Bit 8	DigitalInput25	
	Bit 9	DigitalInput26	
	Bit 10	DigitalInput27	

Output			
Name		Input	Output
Outputs_4XP0000.00-K46_a			Unsigned16
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 8		DigitalOutput09
	Bit 9		DigitalOutput10
	Bit 10		DigitalOutput11
	Bit 11		DigitalOutput12
	Bit 12		DigitalOutput13
	Bit 13		DigitalOutput14
	Bit 14		DigitalOutput15

Output			
Name		Input	Output
Outputs_4XP0000.00-K46_b			Unsigned16
	Bit 0		DigitalOutput16
	Bit 1		DigitalOutput17
	Bit 2		DigitalOutput18
	Bit 3		DigitalOutput19
	Bit 4		DigitalOutput20
	Bit 5		DigitalOutput21
	Bit 6		DigitalOutput22
	Bit 7		DigitalOutput23
	Bit 8		DigitalOutput24
	Bit 9		DigitalOutput25
	Bit 10		DigitalOutput26
	Bit 11		DigitalOutput27
	Bit 12		DigitalOutput28
	Bit 13		DigitalOutput29
	Bit 14		DigitalOutput30
Outputs_4XP0000.00-K46_c			Unsigned16
	Bit 0		DigitalOutput31
	Bit 1		DigitalOutput32
	Bit 2		DigitalOutput33
	Bit 3		DigitalOutput34
	Bit 4		DigitalOutput35
	Bit 5		DigitalOutput36
	Bit 6		DigitalOutput37
	Bit 7		DigitalOutput38
	Bit 8		DigitalOutput39
	Bit 9		DigitalOutput40
	Bit 10		DigitalOutput41
	Bit 11		DigitalOutput42
	Bit 12		DigitalOutput43
	Bit 13		DigitalOutput44
	Bit 14		DigitalOutput45
Outputs_4XP0000.00-K46_d			Unsigned16
	Bit 0		DigitalOutput46
	Bit 1		DigitalOutput47
	Bit 2		DigitalOutput48
	Bit 3		DigitalOutput49
	Bit 4		DigitalOutput50
	Bit 5		DigitalOutput51
	Bit 6		DigitalOutput52
	Bit 7		DigitalOutput53
	Bit 8		DigitalOutput54
	Bit 9		DigitalOutput55
	Bit 10		DigitalOutput56
	Bit 11		DigitalOutput57
	Bit 12		DigitalOutput58
	Bit 13		DigitalOutput59
	Bit 14		DigitalOutput60
Outputs_4XP0000.00-K46_e			Unsigned16
	Bit 0		DigitalOutput61
	Bit 1		DigitalOutput62
	Bit 2		DigitalOutput63
	Bit 3		DigitalOutput64
	Bit 4		DigitalOutput65

Output			
Name		Input	Output
	Bit 5		DigitalOutput66
	Bit 6		DigitalOutput67

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-K64

HwId: 0xC63E
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
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		Input	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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-K94

HwId: 0xDE52
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
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		Input	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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0000.00-KA4

HwId: 0xDE53
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0000.00-KA4_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-KA4_a			Unsigned16
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 8		DigitalOutput09
	Bit 9		DigitalOutput10
	Bit 10		DigitalOutput11
	Bit 11		DigitalOutput12
	Bit 12		DigitalOutput13
	Bit 13		DigitalOutput14
	Bit 14		DigitalOutput15
	Bit 15		DigitalOutput16
Outputs_4XP0000.00-KA4_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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0070.00-00B

HwId: 0xE61E
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0070.00-00B_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	

Output			
Name		Input	Output
Outputs_4XP0070.00-00B_a			Unsigned16
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 8		DigitalOutput09
	Bit 9		DigitalOutput10
	Bit 10		DigitalOutput11
	Bit 11		DigitalOutput12
	Bit 12		DigitalOutput13
	Bit 13		DigitalOutput14
	Bit 14		DigitalOutput15
	Bit 15		DigitalOutput16
Outputs_4XP0070.00-00B_b			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0070.00-00W

HwId: 0xE61F
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0070.00-00W_a		Unsigned8	
	Bit 0	DigitalInput01	
	Bit 1	DigitalInput02	
	Bit 2	DigitalInput03	
	Bit 3	DigitalInput04	
	Bit 4	DigitalInput05	

Output			
Name		Input	Output
Outputs_4XP0070.00-00W_a			Unsigned16
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 8		DigitalOutput09
	Bit 9		DigitalOutput10
	Bit 10		DigitalOutput11
	Bit 11		DigitalOutput12
	Bit 12		DigitalOutput13
	Bit 13		DigitalOutput14
	Bit 14		DigitalOutput15
	Bit 15		DigitalOutput16
Outputs_4XP0070.00-00W_b			Unsigned8
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 4XP0101.00-00W

HwId: 0xE635
Functionmodel: 0
Description: Distributed I/O

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_4XP0101.00-00W_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_4XP0101.00-00W_a			Unsigned16
	Bit 0		DigitalOutput01
	Bit 1		DigitalOutput02
	Bit 2		DigitalOutput03
	Bit 3		DigitalOutput04
	Bit 4		DigitalOutput05
	Bit 5		DigitalOutput06
	Bit 6		DigitalOutput07
	Bit 7		DigitalOutput08
	Bit 8		DigitalOutput09
	Bit 9		DigitalOutput10
	Bit 10		DigitalOutput11
	Bit 11		DigitalOutput12
	Bit 12		DigitalOutput13
	Bit 13		DigitalOutput14
	Bit 14		DigitalOutput15
	Bit 15		DigitalOutput16
Outputs_4XP0101.00-00W_b			Unsigned16
	Bit 0		DigitalOutput17
	Bit 1		DigitalOutput18
	Bit 2		DigitalOutput19
	Bit 3		DigitalOutput20
	Bit 4		DigitalOutput21
	Bit 5		DigitalOutput22
	Bit 6		DigitalOutput23
	Bit 7		DigitalOutput24
	Bit 8		DigitalOutput25
	Bit 9		DigitalOutput26
	Bit 10		DigitalOutput27
	Bit 11		DigitalOutput28
	Bit 12		DigitalOutput29
	Bit 13		DigitalOutput30
	Bit 14		DigitalOutput31
	Bit 15		DigitalOutput32

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 5AC800.EXT3-K05

HwId: 0xAAB5
Functionmodel: 0
Description: Extension C-Keys 5PB ES right

Input			
Name		Input	Output
ModuleOK		Unsigned8	
Inputs_5AC800.EXT3-K05_a		Unsigned8	
	Bit 7	Key01	
	Bit 6	Key02	
	Bit 5	Key03	
	Bit 4	Key04	
	Bit 3	Key05	
	Bit 2	Key06	
	Bit 1	Key07	
	Bit 0	Key08	
Inputs_5AC800.EXT3-K05_b		Unsigned8	
	Bit 7	Key09	
	Bit 6	Key10	
	Bit 5	Key11	
	Bit 4	Key12	
	Bit 3	Key13	
	Bit 2	Key14	
	Bit 1	Key15	
	Bit 0	Key16	
Inputs_5AC800.EXT3-K05_c		Unsigned8	
	Bit 7	Key17	

Output			
Name		Input	Output
Outputs_5AC800.EXT3-K05_a			Unsigned8
	Bit 7		Led01
	Bit 6		Led02
	Bit 5		Led03
	Bit 4		Led04
	Bit 3		Led05
	Bit 2		Led06
	Bit 1		Led07
	Bit 0		Led08
Outputs_5AC800.EXT3-K05_b			Unsigned8
	Bit 7		Led09
	Bit 6		Led10
	Bit 5		Led11
	Bit 4		Led12
	Bit 3		Led13
	Bit 2		Led14
	Bit 1		Led15
	Bit 0		Led16
Outputs_5AC800.EXT3-K05_c			Unsigned8
	Bit 7		Led17
	Bit 6		Led18
	Bit 5		Led19
	Bit 4		Led20
	Bit 3		Led21
	Bit 2		Led22

Output			
Name		Input	Output
	Bit 1		Led23
	Bit 0		Led24
Outputs_5AC800.EXT3-K05_d			Unsigned8
	Bit 7		Led25
	Bit 6		Led26
	Bit 5		Led27
	Bit 4		Led28
	Bit 3		Led29
	Bit 2		Led30
	Bit 1		Led31
	Bit 0		Led32
Outputs_5AC800.EXT3-K05_e			Unsigned8
	Bit 7		Led33
	Bit 6		Led34
	Bit 5		Led35
	Bit 4		Led36
	Bit 3		Led37
	Bit 2		Led38
	Bit 1		Led39
	Bit 0		Led40

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV108.50-11

HwId: 0x1CE3
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV108.50-12

HwId: 0x1CE4
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV108.50-51

HwId: 0x1CEB
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV108.50-62

HwId: 0x25B8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-01

HwId: 0x1AC9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-11

HwId: 0x1CE5
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-12

HwId: 0x1CE6
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-21

HwId: 0x1CE9
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-23

HwId: 0x1DCA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-51

HwId: 0x1CEC
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV116.50-62

HwId: 0x25B7
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV124.50-11

HwId: 0x1CE7
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV124.50-12

HwId: 0x1CE8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV124.50-51

HwId: 0x1CED
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV124.50-61

HwId: 0xA366
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 7XV124.50-62

HwId: 0x25B6
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. 80PS080X3.10-01

HwId: 0xA7A9
Functionmodel: 0
Description: DC Power Supply

Input			
Name		Input	Output
ModuleOK		Unsigned8	
StatusPacked01		Unsigned16	
	Bit 2	CurrentLimit01	
	Bit 0	ErrorOutput01	
	Bit 1	OverloadError01	
	Bit 4	StatusPhaseDetection01	
	Bit 5	StatusOvertemperature01	
	Bit 3	StatusOvervoltage01	
	Bit 6	ChopperActive01	
	Bit 8	StatusChopper01	
	Bit 7	StatusBleeder01	
	Bit 9	StatusOutput02	
Voltage01		Integer8	
Current01		Integer16	
Output			
Name		Input	Output
ControlPacked01			Unsigned8
	Bit 0		ClearError01

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0402	1026	2
0x0405	1029	1
0x040E	1038	2
0x0412	1042	2
0x0416	1046	2
0x041A	1050	2
0x0424	1060	4
0x042C	1068	4
0x040A	1034	2
0x0407	1031	1

8.1. 80SD100XD.C044-01

HwId: 0xA781
Functionmodel: 3
Description: ACOPOSmicro stepper, 2x 10A, X2X, 2x ABR

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
Outputs_80SD100XD.C044-01_a		Unsigned8
Bit 0		MpGenBrake01
AbsPos02		Integer32
MpGenControl02		Unsigned16
MpGenMode02		Integer8
Outputs_80SD100XD.C044-01_b		Unsigned8
Bit 0		MpGenBrake02

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x0048	72	2
0x0088	136	2
0x0034	52	2
0x0074	116	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x003A	58	2
0x007A	122	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x0044	68	2
0x0084	132	2
0x004B	75	1
0x008B	139	1
0x0046	70	1
0x0086	134	1
0x00D0	208	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x00D1	209	1
0x00D4	212	4
0x00DC	220	4
0x00D2	210	1
0x00D8	216	4
0x00E0	224	4
0x00D3	211	1
0x004C	76	1
0x008C	140	1

8.1. 80SD100XD.C0XX-01

HwId: 0xA4A4
Functionmodel: 3
Description: ACOPOSmicro stepper, 2x 10A, X2X

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
Outputs_80SD100XD.C0XX-01_a		Unsigned8
Bit 0		MpGenBrake01
AbsPos02		Integer32
MpGenControl02		Unsigned16
MpGenMode02		Integer8
Outputs_80SD100XD.C0XX-01_b		Unsigned8
Bit 0		MpGenBrake02

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0030	48	1
0x0031	49	1
0x0032	50	1
0x0070	112	1
0x0071	113	1
0x0072	114	1
0x0048	72	2
0x0088	136	2
0x0034	52	2
0x0074	116	2
0x0036	54	2
0x0038	56	2
0x0076	118	2
0x0078	120	2
0x003A	58	2
0x007A	122	2
0x003C	60	4
0x0040	64	4
0x007C	124	4
0x0080	128	4
0x0044	68	2
0x0084	132	2
0x004B	75	1
0x008B	139	1
0x0046	70	1
0x0086	134	1
0x00D0	208	1

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x00D1	209	1
0x00D4	212	4
0x00DC	220	4
0x00D2	210	1
0x00D8	216	4
0x00E0	224	4
0x00D3	211	1

8.1. X20BR9300

HwId: 0x1BC1
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20BT9100

HwId: 0x1BC2
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20BT9400

HwId: 0xA238
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cBR9300

HwId: 0xDD48
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cBT9100

HwId: 0xE219
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPD2113

HwId: 0xE23B
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS2100

HwId: 0xE23C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS2110

HwId: 0xE23D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS3300

HwId: 0xDF13
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS3300_C1

HwId: 0xDF13
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS3310

HwId: 0xDD46
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS9400

HwId: 0xD579
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20cPS9400_C1

HwId: 0xD579
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20CS1011

HwId: 0xA38D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0103	259	1
0x0101	257	1

8.1. X20CS1012

HwId: 0xCABF
Functionmodel: 254
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0317	791	1
0x0309	777	1
0x030D	781	1
0x0312	786	2
0x0327	807	1
0x0319	793	1
0x031D	797	1
0x0322	802	2
0x0337	823	1
0x0329	809	1
0x032D	813	1
0x0332	818	2

8.1. X20CS1013

HwId: 0xDE85
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0204	516	4

8.1. X20CS1020

HwId: 0x1FCF
Functionmodel: 254
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

Output			
Name		Input	Output
TxByte12			Unsigned8
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0001	1	1
0x00E1	225	1
0x00E3	227	1
0x0003	3	1
0x0005	5	1
0x0007	7	1
0x000C	12	4
0x004A	74	2
0x006A	106	2
0x1881	6273	1

8.1. X20CS1030

HwId: 0x1FD0
Functionmodel: 254
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

Output			
Name		Input	Output
TxByte12			Unsigned8
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0001	1	1
0x00E1	225	1
0x00E3	227	1
0x0003	3	1
0x0005	5	1
0x0007	7	1
0x000C	12	4
0x004A	74	2
0x006A	106	2
0x1881	6273	1

8.1. X20CS1070

HwId: 0x1FD1
Functionmodel: 254
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

Output			
Name		Input	Output
TxByte12			Unsigned8
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x00C1	193	1
0x00C3	195	1
0x0101	257	1
0x0103	259	1
0x0105	261	1
0x010A	266	2
0x1881	6273	1

8.1. X20DS1928

HwId: 0xA912
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x028E	654	2
0x0185	389	1
0x0401	1025	1
0x0403	1027	1
0x040A	1034	2
0x040E	1038	2
0x0414	1044	4
0x1001	4097	1
0x1201	4609	1
0x1203	4611	1

8.1. X20DS438A

HwId: 0xCAC0
Functionmodel: 0
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

Output		
Name	Input	Output
OutputData02d		Unsigned8
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x1004	4100	4
0x1024	4132	4
0x101E	4126	2
0x1404	5124	4
0x1424	5156	4
0x141E	5150	2
0x1804	6148	4
0x1824	6180	4
0x181E	6174	2
0x1C04	7172	4
0x1C24	7204	4
0x1C1E	7198	2

8.1. X20PD0011

HwId: 0x267D
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PD0012

HwId: 0x267E
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PD0016

HwId: 0x2680
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PD2113

HwId: 0x267F
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS2100

HwId: 0x1BBF
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS2110

HwId: 0x2016
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS3300

HwId: 0x1BC0
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS3300_C1

HwId: 0x1BC0
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS3310

HwId: 0x2017
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS4951

HwId: 0x1F43
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS9400

HwId: 0x1F8C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS9400_C1

HwId: 0x1F8C
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20PS9402

HwId: 0xA389
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X20ZF0000

HwId: 0xFFFF
Functionmodel: 0
Description: Dummy Module

Input		
Name	Input	Output
No Input Data		
Output		
Name	Input	Output
No Output Data		

Acyclic registers		
Registeraddress (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

8.1. X67DS438A

HwId: 0xCAAE
Functionmodel: 0
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

Output		
Name	Input	Output
OutputData02d		Unsigned8
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0201	513	1
0x1004	4100	4
0x1024	4132	4
0x101E	4126	2
0x1404	5124	4
0x1424	5156	4
0x141E	5150	2
0x1804	6148	4
0x1824	6180	4
0x181E	6174	2
0x1C04	7172	4
0x1C24	7204	4
0x1C1E	7198	2

9. Special Module (FW dependent)

9.1. X20cDI9371_C101

HwId: 0xD574
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

9.1. X20cDO9322_C101

HwId: 0xD578
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

9.1. X20DI8371_C101

HwId: 0xA4AB
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

9.1. X20DI9371_C101

HwId: 0x1B95
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

9.1. X20DIF371_C101

HwId: 0xC0E8
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0012	18	1

9.1. X20DO8322_C101

HwId: 0xA4AC
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

9.1. X20DO9322_C101

HwId: 0x1B9A
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

9.1. X20DOF322_C101

HwId: 0xC0EA
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

9.1. X67AI1323_C101

HwId: 0x16F2
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
0x0010	16	1
0x0012	18	1
0x0014	20	2
0x0016	22	2

9.1. X67DI1371_C101

HwId: 0x1434
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		

9.1. X67DM1321_C101

HwId: 0x1311
Functionmodel: 0
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 (hex)	Registeraddress (dec)	Registerwidth (Bytes)
No acyclic Data		