

Product
Identification

Visualization

Settings

Commands

Maintenance

Product Identification

Identification

Product

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
50000	0xC350	Info	69	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
50000	0xC350	4	"SOCO"	-	STRING_16
50004	0xC354	1	Product order ID (Countis:100, Protection:200, Atys:300, Diris:400)	-	U16
50005	0xC355	1	Product ID (EX: 1000 ATS3)	-	U16
50006	0xC356	1	MODBUS Table Version	-	U16
50007	0xC357	1	Product software version (EX: 100 Version 1.00)	-	U16
50008	0xC358	1	Serial_AA_SS	-	U16_HEX
50009	0xC359	1	Serial_SST_L	-	U16_HEX
50010	0xC35A	1	Serial_order	-	U16
50011	0xC35B	2	Serial_Reserve	-	U32
50013	0xC35D	4	See "Code table" tab for more details	-	U64_HEX
50017	0xC361	1	Customization data loaded (True/False)	-	U8
50018	0xC362	1	Product version (Major)	-	U16
50019	0xC363	1	Product version (Minor)	-	U16
50020	0xC364	1	Product version (Revision)	-	U16
50021	0xC365	1	Product version (Build)	-	U16
50022	0xC366	3	Product build date	-	DATETIME_3
50025	0xC369	1	Software technical base version (Major)	-	U16
50026	0xC36A	1	Software technical base version (Minor)	-	U16
50027	0xC36B	1	Software technical base version (Revision)	-	U16
50028	0xC36C	1	Customization version (Major)	-	U16
50029	0xC36D	1	Customization version (Minor)	-	U16
50030	0xC36E	4	Product VLO (EX : "880100")	-	STRING_NORM
50034	0xC372	4	Customization VLO (EX : "880700")	-	STRING_NORM
50038	0xC376	4	Software technical base VLO (EX : "880600")	-	STRING_NORM
50042	0xC37A	8	Vendor name (EX : "SOCOMECH")	-	STRING_NORM
50050	0xC382	8	Product name (EX : "PMD EE")	-	STRING_NORM
50058	0xC38A	8	Extended name	-	STRING_NORM
50066	0xC392	1	Resource version (Build 2)	-	U16
50067	0xC393	2	Net ID	-	U32_HEX

Identification by blinking LED

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57864	0xE208	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
57864	0xE208	1	Action 1 : Start blinking	-	U16

Master identification

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
58032	0xE2B0	Info	13	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
58032	0xE2B0	1	Modbus address	-	U8
58033	0xE2B1	1	Product order ID	-	U16
58034	0xE2B2	1	Product ID	-	U16
58035	0xE2B3	1	Serial_AA_SS	-	U16_HEX
58036	0xE2B4	1	Serial_SST_L	-	U16_HEX
58037	0xE2B5	1	Serial_order	-	U16
58038	0xE2B6	2	Serial_Reserve	-	U32
58040	0xE2B8	1	Product version (Major)	-	U16
58041	0xE2B9	1	Product version (Minor)	-	U16
58042	0xE2BA	1	Product version (Revision)	-	U16
58043	0xE2BB	2	Reserved	-	-

Visualization

ATS Status

Status

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20480	0x5000	Info	15	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20480	0x5000	2	Date & Time Current	-	DATETIME
20482	0x5002	1	Operating Mode 0x0010 : Auto Mode 0x0020 : Manu Mode 0x0040 : Inhibit Mode	-	U16_HEX
20483	0x5003	1	Switch Position 0 : Unknown 1 : Position 0 2 : Position 1 3 : Position 2	-	U8
20484	0x5004	1	Source 1 Start Generator relay State 0 : Not active 1 : Active	-	U8
20485	0x5005	1	Source 2 Start Generator relay State 0 : Not Active 1 : Active	-	U8
20486	0x5006	1	Priority 0 : Network 1 : Source 1 2 : Source 2	-	U8
20487	0x5007	1	Source1 State 0 : Dead Bus 1 : Present 2 : Available	-	U8
20488	0x5008	1	Source2 State 0 : Dead Bus 1 : Present 2 : Available	-	U8
20489	0x5009	1	Test in progress 0x0000 : None 0x0001 : TOF 0x0002 : EOF 0x0004 : TON 0x0008 : EON	-	U16_HEX
20490	0x500A	1	Alarm / Fault summary 0 : None	-	U8

			1 : Alarm 2 : Fault 3 : Alarm + Fault		
20491	0x500B	1	Active Fault (with highest priority) 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U16
20492	0x500C	1	Last Switch over cause 0 : None 1 : Manual 2 : Remote controlled 3 : Under voltage source 1 4 : Under voltage source 2 5 : Over voltage source 1 6 : Over voltage source 2 7 : Under Frequency source 1 8 : Under Frequency source 2 9 : Over Frequency source 1 10 : Over Frequency source 2 11 : Unbalance Source 1 12 : Unbalance Source 2 13 : Rotation Source 1 14 : Rotation Source 2	-	U8
20493	0x500D	1	Product is available 0 : Not available 1 : Available	-	U8
20494	0x500E	1	Source Inhibition state 0 : No inhibition 1 : S1 Inhibited 2 : S2 Inhibited 3 : Both source inhibited	-	U8

Timer state

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21248	0x5300	Info	36	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21248	0x5300	2	Date & Time Current	s	DATETIME
21250	0x5302	1	1FT Source1 Failure Timer	s 10 ⁻¹	U16
21251	0x5303	1	1RT Source1 Available/Return Timer	s	U16
21252	0x5304	1	1CT Source1 Genset Cooldown timer	s	U16
21253	0x5305	1	10T Source1 return to 0 timer	s	U16
21254	0x5306	1	1ST Source1 Start TimeOut timer	s	U16
21255	0x5307	1	2FT Source2 Failure Timer	s 10 ⁻¹	U16
21256	0x5308	1	2RT Source2 Available/Return Timer	s	U16
21257	0x5309	1	2CT Source2 Genset Cooldown timer	s	U16
21258	0x530A	1	20T Source2 return to 0 timer	s	U16
21259	0x530B	1	2ST Source2 Start TimeOut timer	s	U16
21260	0x530C	1	DBT Dead Band timer Source 1	s	U16
21261	0x530D	1	LoadShedding Timer (duration) / LSD	s	U16
21262	0x530E	1	Limit_TOT Test on load is limited 0 : unlimited 1 : limited	-	U8
21263	0x530F	1	TOT Test on load duration timer	s	U16
21264	0x5310	1	T3T Test on load end timer	s	U16
21265	0x5311	1	Limit_TFT Test off load is limited 0 : unlimited 1 : limited	-	U8
21266	0x5312	1	TFT Test off load duration timer	s	U16
21267	0x5313	1	E1T Time before external order on load	s	U16
21268	0x5314	1	E3T Time after external order on load	s	U16
21269	0x5315	1	Limit_E2T External order on load is limited 0 : unlimited 1 : limited	-	U8
21270	0x5316	1	E2T External order on load duration	s	U16
21271	0x5317	1	E5T Time before external order off load	s	U16

21272	0x5318	1	E7T Time after external order off load	s	U16
21273	0x5319	1	Limit_E6T External order off load is limited 0 : unlimited 1 : limited	-	U8
21274	0x531A	1	E6T External order off load duration	s	U16
21275	0x531B	1	EET1: Primary Source engine exerciser timeout	h	U16
21276	0x531C	1	EDT1: Primary Source engine exerciser duration	s	U16
21277	0x531D	1	EET2: Secondary Source engine exerciser timeout	h	U16
21278	0x531E	1	EDT2: Secondary Source engine exerciser duration	s	U16
21279	0x531F	1	ELD : Elevator Delay	s	U16
21280	0x5320	1	ELR: Elevator Reset Timer	s	U16
21281	0x5321	1	LSR: Load Shedding Off Timer	s	U16
21282	0x5322	1	DBT Dead Band timer Source 2	s	U16
21283	0x5323	1	DCT: Datacenter Compressor Timer	s	U16

In Phase Transfer Status

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21296	0x5330	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21296	0x5330	1	In phase transfer status 0 : Not in phase 1 : In phase	-	U8
21297	0x5331	2	Worst voltage delta	% / 100	S32
21299	0x5333	2	Voltage for source 1	V 10 ⁻²	U32
21301	0x5335	2	Voltage for source 2	V 10 ⁻²	U32
21303	0x5337	2	Frequency delta	mHz	S32
21305	0x5339	1	Worst Phase delta	? / 10	S16
21306	0x533A	1	IPD Delay Timer	s	U16

Measure

Network

Network Inst Source #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
36864	0x9000	Info	37	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
36864	0x9000	2	Date of last instance	s	DATETIME
36866	0x9002	1	Integration time	s / 5	U16
36867	0x9003	2	System Ph-N Voltage	V 10 ⁻²	U32
36869	0x9005	2	System Ph-Ph Voltage	V 10 ⁻²	U32
36871	0x9007	2	Frequency	mHz	U32
36873	0x9009	2	Ph-N Voltage : V1	V 10 ⁻²	U32
36875	0x900B	2	Ph-N Voltage : V2	V 10 ⁻²	U32
36877	0x900D	2	Ph-N Voltage : V3	V 10 ⁻²	U32
36879	0x900F	2	Ph-N Voltage : Vn	V 10 ⁻²	U32
36881	0x9011	2	Ph-Ph Voltage : U12	V 10 ⁻²	U32
36883	0x9013	2	Ph-Ph Voltage : U23	V 10 ⁻²	U32
36885	0x9015	2	Ph-Ph Voltage : U31	V 10 ⁻²	U32
36887	0x9017	2	Vdir	V 10 ⁻²	U32
36889	0x9019	2	Vinv	V 10 ⁻²	U32
36891	0x901B	2	Vhom	V 10 ⁻²	U32
36893	0x901D	1	Vnb	% / 100	U16
36894	0x901E	2	Udir	V 10 ⁻²	U32
36896	0x9020	2	Uinv	V 10 ⁻²	U32

36898	0x9022	1	Unb	% / 100	U16
36899	0x9023	1	Vnba	% / 100	U16
36900	0x9024	1	Unba	% / 100	U16

Network Inst Source #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
36908	0x902C	Info	37	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
36908	0x902C	2	Date of last instance	s	DATETIME
36910	0x902E	1	Integration time	s / 5	U16
36911	0x902F	2	System Ph-N Voltage	V 10 ⁻²	U32
36913	0x9031	2	System Ph-Ph Voltage	V 10 ⁻²	U32
36915	0x9033	2	Frequency	mHz	U32
36917	0x9035	2	Ph-N Voltage : V1	V 10 ⁻²	U32
36919	0x9037	2	Ph-N Voltage : V2	V 10 ⁻²	U32
36921	0x9039	2	Ph-N Voltage : V3	V 10 ⁻²	U32
36923	0x903B	2	Ph-N Voltage : Vn	V 10 ⁻²	U32
36925	0x903D	2	Ph-Ph Voltage : U12	V 10 ⁻²	U32
36927	0x903F	2	Ph-Ph Voltage : U23	V 10 ⁻²	U32
36929	0x9041	2	Ph-Ph Voltage : U31	V 10 ⁻²	U32
36931	0x9043	2	Vdir	V 10 ⁻²	U32
36933	0x9045	2	Vinv	V 10 ⁻²	U32
36935	0x9047	2	Vhom	V 10 ⁻²	U32
36937	0x9049	1	Vnb	% / 100	U16
36938	0x904A	2	Udir	V 10 ⁻²	U32
36940	0x904C	2	Uinv	V 10 ⁻²	U32
36942	0x904E	1	Unb	% / 100	U16
36943	0x904F	1	Vnba	% / 100	U16
36944	0x9050	1	Unba	% / 100	U16

Network Inst. Fundamental Source #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37120	0x9100	Info	24	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
37120	0x9100	2	Date of last instance	s	DATETIME
37122	0x9102	1	Integration time	s / 5	U16
37123	0x9103	2	Ph-N voltage: V1h1	V 10 ⁻²	U32
37125	0x9105	2	Ph-N voltage: V2h1	V 10 ⁻²	U32
37127	0x9107	2	Ph-N voltage: V3h1	V 10 ⁻²	U32
37129	0x9109	2	Ph-N voltage: Vnh1	V 10 ⁻²	U32
37131	0x910B	1	Ph-N voltage phase: phV1h1	? / 10	S16
37132	0x910C	1	Ph-N voltage phase: phV2h1	? / 10	S16
37133	0x910D	1	Ph-N voltage phase: phV3h1	? / 10	S16
37134	0x910E	1	Ph-N voltage phase: phVnh1	? / 10	S16
37135	0x910F	2	Ph-Ph voltage: U12h1	V 10 ⁻²	U32
37137	0x9111	2	Ph-Ph voltage: U23h1	V 10 ⁻²	U32
37139	0x9113	2	Ph-Ph voltage: U31h1	V 10 ⁻²	U32
37141	0x9115	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
37142	0x9116	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
37143	0x9117	1	Ph-Ph voltage phase: phU31h1	? / 10	S16

Network Inst. Fundamental Source #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts

37296	0x91B0	Info	24	NONE	READ	READ
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Dec address	Hex address	Words count	Description	Unit	Data type
37296	0x91B0	2	Date of last instance	s	DATETIME
37298	0x91B2	1	Integration time	s / 5	U16
37299	0x91B3	2	Ph-N voltage: V1h1	V 10 ⁻²	U32
37301	0x91B5	2	Ph-N voltage: V2h1	V 10 ⁻²	U32
37303	0x91B7	2	Ph-N voltage: V3h1	V 10 ⁻²	U32
37305	0x91B9	2	Ph-N voltage: Vnh1	V 10 ⁻²	U32
37307	0x91BB	1	Ph-N voltage phase: phV1h1	? / 10	S16
37308	0x91BC	1	Ph-N voltage phase: phV2h1	? / 10	S16
37309	0x91BD	1	Ph-N voltage phase: phV3h1	? / 10	S16
37310	0x91BE	1	Ph-N voltage phase: phVnh1	? / 10	S16
37311	0x91BF	2	Ph-Ph voltage: U12h1	V 10 ⁻²	U32
37313	0x91C1	2	Ph-Ph voltage: U23h1	V 10 ⁻²	U32
37315	0x91C3	2	Ph-Ph voltage: U31h1	V 10 ⁻²	U32
37317	0x91C5	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
37318	0x91C6	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
37319	0x91C7	1	Ph-Ph voltage phase: phU31h1	? / 10	S16

Energy meters by Source #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37632	0x9300	Info	90	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
37632	0x9300	1	Load status : 0 : Disabled 1 : Enabled	-	U8
37633	0x9301	2	Total Hour meter	s	U32
37635	0x9303	2	Total Positive active Energy : Ea+	kWh	U32
37637	0x9305	1	Total Residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
37638	0x9306	2	Total Negative active Energy : Ea-	kWh	U32
37640	0x9308	1	Total Residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
37641	0x9309	2	Total Positive reactive Energy : Er+	varh 10 ³	U32
37643	0x930B	1	Total Residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
37644	0x930C	2	Total Negative reactive Energy : Er-	varh 10 ³	U32
37646	0x930E	1	Total Residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
37647	0x930F	2	Total Apparent Energy : Eap	kVAh	U32
37649	0x9311	1	Total Residual apparent Energy : rEap	VAh 10 ⁻¹	U16
37650	0x9312	2	Total positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32
37652	0x9314	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
37653	0x9315	2	Total negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
37655	0x9317	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
37656	0x9318	2	Total positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
37658	0x931A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
37659	0x931B	2	Total negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
37661	0x931D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
37662	0x931E	2	Partial Hour meter	s	U32
37664	0x9320	2	Partial Positive active Energy : Ea+	kWh	U32
37666	0x9322	1	Partial Residual Positive active Energy : rEa+	Wh 10 ⁻¹	U16
37667	0x9323	2	Partial Negative active Energy : Ea-	kWh	U32
37669	0x9325	1	Partial Residual Negative active Energy : rEa-	Wh 10 ⁻¹	U16
37670	0x9326	2	Partial Positive reactive Energy : Er+	varh 10 ³	U32
37672	0x9328	1	Partial Residual Positive reactive Energy : rEr+	varh 10 ⁻¹	U16
37673	0x9329	2	Partial Negative reactive Energy : Er-	varh 10 ³	U32
37675	0x932B	1	Partial Residual Negative reactive Energy : rEr-	varh 10 ⁻¹	U16
37676	0x932C	2	Partial Apparent Energy : Eap	kVAh	U32
37678	0x932E	1	Partial Residual Apparent Energy : rEap	VAh 10 ⁻¹	U16
37679	0x932F	2	Partial Positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32

37681	0x9331	1	Partial Residual Positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
37682	0x9332	2	Partial Negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
37684	0x9334	1	Partial Residual Negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
37685	0x9335	2	Partial Positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
37687	0x9337	1	Partial Residual Positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
37688	0x9338	2	Partial Negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
37690	0x933A	1	Partial Residual Negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
37691	0x933B	2	Last Partial Reset date	-	DATETIME
37693	0x933D	2	Last Partial Hour meter	s	U32
37695	0x933F	2	Last Partial positive active Energy : Ea+	kWh	U32
37697	0x9341	1	Last Partial residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
37698	0x9342	2	Last Partial negative active Energy : Ea-	kWh	U32
37700	0x9344	1	Last Partial residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
37701	0x9345	2	Last Partial positive reactive Energy : Er+	varh 10 ³	U32
37703	0x9347	1	Last Partial residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
37704	0x9348	2	Last Partial negative reactive Energy : Er-	varh 10 ³	U32
37706	0x934A	1	Last Partial residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
37707	0x934B	2	Last Partial Apparent Energy : Eap	kVAh	U32
37709	0x934D	1	Last Partial residual apparent Energy : rEap	VAh 10 ⁻¹	U16
37710	0x934E	2	Last Partial Positive Lagging Reactive Energy : Er+ (lagging)	varh 10 ³	U32
37712	0x9350	1	Last Partial Residual Positive Lagging Reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
37713	0x9351	2	Last Partial Negative Lagging Reactive Energy : Er- (lagging)	varh 10 ³	U32
37715	0x9353	1	Last Partial Residual Negative Lagging Reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
37716	0x9354	2	Last Partial Positive Leading Reactive Energy : Er+ (leading)	varh 10 ³	U32
37718	0x9356	1	Last Partial Residual Positive Leading Reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
37719	0x9357	2	Last Partial Negative Leading Reactive Energy : Er- (leading)	varh 10 ³	U32
37721	0x9359	1	Last Partial Residual Negative Leading Reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16

Energy meters by Source #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39680	0x9B00	Info	90	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39680	0x9B00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
39681	0x9B01	2	Total Hour meter	s	U32
39683	0x9B03	2	Total Positive active Energy : Ea+	kWh	U32
39685	0x9B05	1	Total Residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
39686	0x9B06	2	Total Negative active Energy : Ea-	kWh	U32
39688	0x9B08	1	Total Residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
39689	0x9B09	2	Total Positive reactive Energy : Er+	varh 10 ³	U32
39691	0x9B0B	1	Total Residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
39692	0x9B0C	2	Total Negative reactive Energy : Er-	varh 10 ³	U32
39694	0x9B0E	1	Total Residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
39695	0x9B0F	2	Total Apparent Energy : Eap	kVAh	U32
39697	0x9B11	1	Total Residual apparent Energy : rEap	VAh 10 ⁻¹	U16
39698	0x9B12	2	Total positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32
39700	0x9B14	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
39701	0x9B15	2	Total negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
39703	0x9B17	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
39704	0x9B18	2	Total positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
39706	0x9B1A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
39707	0x9B1B	2	Total negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
39709	0x9B1D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
39710	0x9B1E	2	Partial Hour meter	s	U32
39712	0x9B20	2	Partial Positive active Energy : Ea+	kWh	U32

39714	0x9B22	1	Partial Residual Positive active Energy : rEa+	Wh 10 ⁻¹	U16
39715	0x9B23	2	Partial Negative active Energy : Ea-	kWh	U32
39717	0x9B25	1	Partial Residual Negative active Energy : rEa-	Wh 10 ⁻¹	U16
39718	0x9B26	2	Partial Positive reactive Energy : Er+	varh 10 ³	U32
39720	0x9B28	1	Partial Residual Positive reactive Energy : rEr+	varh 10 ⁻¹	U16
39721	0x9B29	2	Partial Negative reactive Energy : Er-	varh 10 ³	U32
39723	0x9B2B	1	Partial Residual Negative reactive Energy : rEr-	varh 10 ⁻¹	U16
39724	0x9B2C	2	Partial Apparent Energy : Eap	kVAh	U32
39726	0x9B2E	1	Partial Residual Apparent Energy : rEap	VAh 10 ⁻¹	U16
39727	0x9B2F	2	Partial Positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32
39729	0x9B31	1	Partial Residual Positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
39730	0x9B32	2	Partial Negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
39732	0x9B34	1	Partial Residual Negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
39733	0x9B35	2	Partial Positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
39735	0x9B37	1	Partial Residual Positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
39736	0x9B38	2	Partial Negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
39738	0x9B3A	1	Partial Residual Negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
39739	0x9B3B	2	Last Partial Reset date	-	DATETIME
39741	0x9B3D	2	Last Partial Hour meter	s	U32
39743	0x9B3F	2	Last Partial positive active Energy : Ea+	kWh	U32
39745	0x9B41	1	Last Partial residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
39746	0x9B42	2	Last Partial negative active Energy : Ea-	kWh	U32
39748	0x9B44	1	Last Partial residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
39749	0x9B45	2	Last Partial positive reactive Energy : Er+	varh 10 ³	U32
39751	0x9B47	1	Last Partial residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
39752	0x9B48	2	Last Partial negative reactive Energy : Er-	varh 10 ³	U32
39754	0x9B4A	1	Last Partial residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
39755	0x9B4B	2	Last Partial Apparent Energy : Eap	kVAh	U32
39757	0x9B4D	1	Last Partial residual apparent Energy : rEap	VAh 10 ⁻¹	U16
39758	0x9B4E	2	Last Partial Positive Lagging Reactive Energy : Er+ (lagging)	varh 10 ³	U32
39760	0x9B50	1	Last Partial Residual Positive Lagging Reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
39761	0x9B51	2	Last Partial Negative Lagging Reactive Energy : Er- (lagging)	varh 10 ³	U32
39763	0x9B53	1	Last Partial Residual Negative Lagging Reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
39764	0x9B54	2	Last Partial Positive Leading Reactive Energy : Er+ (leading)	varh 10 ³	U32
39766	0x9B56	1	Last Partial Residual Positive Leading Reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
39767	0x9B57	2	Last Partial Negative Leading Reactive Energy : Er- (leading)	varh 10 ³	U32
39769	0x9B59	1	Last Partial Residual Negative Leading Reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16

Load

Load Inst.

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18432	0x4800	Info	92	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
18432	0x4800	1	Load status 0 : Disabled 1 : Enabled	-	U8
18433	0x4801	2	Date of last instance	s	DATETIME
18435	0x4803	1	Integration time	s / 5	U16
18436	0x4804	2	System Ph-N Voltage	V 10 ⁻²	U32
18438	0x4806	2	System Ph-Ph Voltage	V 10 ⁻²	U32
18440	0x4808	2	System Current	mA	U32
18442	0x480A	2	Frequency	mHz	U32
18444	0x480C	2	Ph-N Voltage : V1	V 10 ⁻²	U32
18446	0x480E	2	Ph-N Voltage : V2	V 10 ⁻²	U32

18448	0x4810	2	Ph-N Voltage : V3	V 10 ⁻²	U32
18450	0x4812	2	Ph-N Voltage : Vn	V 10 ⁻²	U32
18452	0x4814	2	Ph-Ph Voltage : U12	V 10 ⁻²	U32
18454	0x4816	2	Ph-Ph Voltage : U23	V 10 ⁻²	U32
18456	0x4818	2	Ph-Ph Voltage : U31	V 10 ⁻²	U32
18458	0x481A	2	Current : I1	mA	U32
18460	0x481C	2	Current : I2	mA	U32
18462	0x481E	2	Current : I3	mA	U32
18464	0x4820	2	Current : In	mA	U32
18466	0x4822	1	Inba	% / 100	U16
18467	0x4823	2	Idir	mA	U32
18469	0x4825	2	linv	mA	U32
18471	0x4827	2	Ihom	mA	U32
18473	0x4829	1	Inb	% / 100	U16
18474	0x482A	2	Snom	VA	U32
18476	0x482C	2	Total active power	W	S32
18478	0x482E	2	Total reactive power	var	S32
18480	0x4830	2	Total lagging reactive power	var	S32
18482	0x4832	2	Total leading reactive power	var	S32
18484	0x4834	2	Total apparent power	VA	U32
18486	0x4836	1	Total power factor	- / 1000	S16
18487	0x4837	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
18488	0x4838	2	Active power : P1	W	S32
18490	0x483A	2	Active power : P2	W	S32
18492	0x483C	2	Active power : P3	W	S32
18494	0x483E	2	Reactive power : Q1	var	S32
18496	0x4840	2	Reactive power : Q2	var	S32
18498	0x4842	2	Reactive power : Q3	var	S32
18500	0x4844	2	Lagging reactive power : Q1_lagg	var	S32
18502	0x4846	2	Lagging reactive power : Q2_lagg	var	S32
18504	0x4848	2	Lagging reactive power : Q3_lagg	var	S32
18506	0x484A	2	Leading reactive power : Q1_lead	var	S32
18508	0x484C	2	Leading reactive power : Q2_lead	var	S32
18510	0x484E	2	Leading reactive power : Q3_lead	var	S32
18512	0x4850	2	Apparent power : S1	VA	U32
18514	0x4852	2	Apparent power : S2	VA	U32
18516	0x4854	2	Apparent power : S3	VA	U32
18518	0x4856	1	Power factor : PF1	- / 1000	S16
18519	0x4857	1	Power factor : PF2	- / 1000	S16
18520	0x4858	1	Power factor : PF3	- / 1000	S16
18521	0x4859	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
18522	0x485A	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
18523	0x485B	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Energy meters

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19840	0x4D80	Info	90	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19840	0x4D80	1		-	U8

			Load status : 0 : Disabled 1 : Enabled		
19841	0x4D81	2	Total Hour meter	s	U32
19843	0x4D83	2	Total Positive active Energy : Ea+	kWh	U32
19845	0x4D85	1	Total Residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
19846	0x4D86	2	Total Negative active Energy : Ea-	kWh	U32
19848	0x4D88	1	Total Residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
19849	0x4D89	2	Total Positive reactive Energy : Er+	varh 10 ³	U32
19851	0x4D8B	1	Total Residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
19852	0x4D8C	2	Total Negative reactive Energy : Er-	varh 10 ³	U32
19854	0x4D8E	1	Total Residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
19855	0x4D8F	2	Total Apparent Energy : Eap	kVAh	U32
19857	0x4D91	1	Total Residual apparent Energy : rEap	VAh 10 ⁻¹	U16
19858	0x4D92	2	Total positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32
19860	0x4D94	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
19861	0x4D95	2	Total negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
19863	0x4D97	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
19864	0x4D98	2	Total positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
19866	0x4D9A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
19867	0x4D9B	2	Total negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
19869	0x4D9D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
19870	0x4D9E	2	Partial Hour meter	s	U32
19872	0x4DA0	2	Partial Positive active Energy : Ea+	kWh	U32
19874	0x4DA2	1	Partial Residual Positive active Energy : rEa+	Wh 10 ⁻¹	U16
19875	0x4DA3	2	Partial Negative active Energy : Ea-	kWh	U32
19877	0x4DA5	1	Partial Residual Negative active Energy : rEa-	Wh 10 ⁻¹	U16
19878	0x4DA6	2	Partial Positive reactive Energy : Er+	varh 10 ³	U32
19880	0x4DA8	1	Partial Residual Positive reactive Energy : rEr+	varh 10 ⁻¹	U16
19881	0x4DA9	2	Partial Negative reactive Energy : Er-	varh 10 ³	U32
19883	0x4DAB	1	Partial Residual Negative reactive Energy : rEr-	varh 10 ⁻¹	U16
19884	0x4DAC	2	Partial Apparent Energy : Eap	kVAh	U32
19886	0x4DAE	1	Partial Residual Apparent Energy : rEap	VAh 10 ⁻¹	U16
19887	0x4DAF	2	Partial Positive lagging reactive Energy : Er+ (lagging)	varh 10 ³	U32
19889	0x4DB1	1	Partial Residual Positive lagging reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
19890	0x4DB2	2	Partial Negative lagging reactive Energy : Er- (lagging)	varh 10 ³	U32
19892	0x4DB4	1	Partial Residual Negative lagging reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
19893	0x4DB5	2	Partial Positive leading reactive Energy : Er+ (leading)	varh 10 ³	U32
19895	0x4DB7	1	Partial Residual Positive leading reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
19896	0x4DB8	2	Partial Negative leading reactive Energy : Er- (leading)	varh 10 ³	U32
19898	0x4DBA	1	Partial Residual Negative leading reactive Energy : rEr- (leading)	varh 10 ⁻¹	U16
19899	0x4DBB	2	Last Partial Reset date	-	DATETIME
19901	0x4DBD	2	Last Partial Hour meter	s	U32
19903	0x4DBF	2	Last Partial positive active Energy : Ea+	kWh	U32
19905	0x4DC1	1	Last Partial residual positive active Energy : rEa+	Wh 10 ⁻¹	U16
19906	0x4DC2	2	Last Partial negative active Energy : Ea-	kWh	U32
19908	0x4DC4	1	Last Partial residual negative active Energy : rEa-	Wh 10 ⁻¹	U16
19909	0x4DC5	2	Last Partial positive reactive Energy : Er+	varh 10 ³	U32
19911	0x4DC7	1	Last Partial residual positive reactive Energy : rEr+	varh 10 ⁻¹	U16
19912	0x4DC8	2	Last Partial negative reactive Energy : Er-	varh 10 ³	U32
19914	0x4DCA	1	Last Partial residual negative reactive Energy : rEr-	varh 10 ⁻¹	U16
19915	0x4DCB	2	Last Partial Apparent Energy : Eap	kVAh	U32
19917	0x4DCD	1	Last Partial residual apparent Energy : rEap	VAh 10 ⁻¹	U16
19918	0x4DCE	2	Last Partial Positive Lagging Reactive Energy : Er+ (lagging)	varh 10 ³	U32
19920	0x4DD0	1	Last Partial Residual Positive Lagging Reactive Energy : rEr+ (lagging)	varh 10 ⁻¹	U16
19921	0x4DD1	2	Last Partial Negative Lagging Reactive Energy : Er- (lagging)	varh 10 ³	U32
19923	0x4DD3	1	Last Partial Residual Negative Lagging Reactive Energy : rEr- (lagging)	varh 10 ⁻¹	U16
19924	0x4DD4	2	Last Partial Positive Leading Reactive Energy : Er+ (leading)	varh 10 ³	U32
19926	0x4DD6	1	Last Partial Residual Positive Leading Reactive Energy : rEr+ (leading)	varh 10 ⁻¹	U16
19927	0x4DD7	2	Last Partial Negative Leading Reactive Energy : Er- (leading)	varh 10 ³	U32

19929	0x4DD9	1	Last Partial Residual Negative Leading Reactive Energy : rEr-(leading)	varh 10 ⁻¹	U16
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Input Output

Logical Input #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11520	0x2D00	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11520	0x2D00	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11521	0x2D01	1	Input State 0 : Deactivated 1 : Activated	-	U8

Logical Input #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11522	0x2D02	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11522	0x2D02	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge	-	U8

			21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11523	0x2D03	1	Input State 0 : Deactivated 1 : Activated	-	U8

Logical Input #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11524	0x2D04	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11524	0x2D04	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0	-	U8

			46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11525	0x2D05	1	Input State 0 : Deactivated 1 : Activated	-	U8

Logical Input #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11526	0x2D06	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11526	0x2D06	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11527	0x2D07	1		-	U8

			Input State 0 : Deactivated 1 : Activated		
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Logical Input #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11528	0x2D08	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11528	0x2D08	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11529	0x2D09	1	Input State 0 : Deactivated 1 : Activated	-	U8

Logical Input #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11530	0x2D0A	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11530	0x2D0A	1	Input function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load	-	U8

			25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11531	0x2D0B	1	Input State 0 : Deactivated 1 : Activated	-	U8

Logical Inputs All

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11248	0x2BF0	Info	7	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11248	0x2BF0	1	Inputs number	-	U16
11249	0x2BF1	2	Bit x : Input x Available (1)/Not available (0)	-	U32_HEX
11251	0x2BF3	2	Bit x : Input x Activated (1)/Deactivated (0)	-	U32_HEX
11253	0x2BF5	2	Bit x : Input x NC (1)/NO (0)	-	U32_HEX

Logical Output (start gen) #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11600	0x2D50	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11600	0x2D50	1	Output function 0 : --- - None 6 : ARO - Alarm Report Output 75 : GS1 - Genset Source 1 start 76 : GS2 - Genset Source 2 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available	-	U8

			86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple		
11601	0x2D51	1	Output State 0 : Deactivated 1 : Activated	-	U8

Logical Output (start gen) #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11616	0x2D60	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11616	0x2D60	1	Output function 0 : --- - None 6 : ARO - Alarm Report Output 75 : GS1 - Genset Source 1 start 76 : GS2 - Genset Source 2 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple	-	U8
11617	0x2D61	1	Output State 0 : Deactivated 1 : Activated	-	U8

Logical Output (start gen) #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11632	0x2D70	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11632	0x2D70	1	Output function 0 : --- - None 6 : ARO - Alarm Report Output 75 : GS1 - Genset Source 1 start 76 : GS2 - Genset Source 2 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple	-	U8
11633	0x2D71	1	Output State 0 : Deactivated 1 : Activated	-	U8

Logical Output (start gen) #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11648	0x2D80	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11648	0x2D80	1	Output function 0 : --- - None 6 : ARO - Alarm Report Output 75 : GS1 - Genset Source 1 start 76 : GS2 - Genset Source 2 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress	-	U8

			93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple		
11649	0x2D81	1	Output State 0 : Deactivated 1 : Activated	-	U8

Logical Outputs All

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11280	0x2C10	Info	7	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11280	0x2C10	1	Outputs number	-	U16
11281	0x2C11	2	Bit x : Output x Available (1)/Not available (0)	-	U32_HEX
11283	0x2C13	2	Bit x : Output x Activated (1)/Deactivated (0)	-	U32_HEX
11285	0x2C15	2	Bit x : Output x NC (1)/NO (0)	-	U32_HEX

Relay informations #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
16464	0x4050	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
16464	0x4050	1	Output Relay function 0 : --- - None 6 : ARO - Alarm Report Output 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3	-	U8

			104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple		
16465	0x4051	1	Output Relay State 0 : Deactivated 1 : Activated	-	U8

Relay informations #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
16472	0x4058	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
16472	0x4058	1	Output Relay function 0 : --- - None 6 : ARO - Alarm Report Output 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple	-	U8
16473	0x4059	1	Output Relay State 0 : Deactivated 1 : Activated	-	U8

Relay informations #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
16480	0x4060	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
16480	0x4060	1	Output Relay function 0 : --- - None 6 : ARO - Alarm Report Output 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2	-	U8

			72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple		
16481	0x4061	1	Output Relay State 0 : Deactivated 1 : Activated	-	U8

Relay informations #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
16488	0x4068	Info	2	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
16488	0x4068	1	Output Relay function 0 : --- - None 6 : ARO - Alarm Report Output 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1	-	U8

			102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output 255 : eFctMultiple		
16489	0x4069	1	Output Relay State 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11776	0x2E00	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11776	0x2E00	2	Net ID IO-10	-	U32_HEX
11778	0x2E02	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11779	0x2E03	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault	-	U8

			36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11780	0x2E04	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11781	0x2E05	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault	-	U8

			36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11782	0x2E06	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11783	0x2E07	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8
11784	0x2E08	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11785	0x2E09	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11792	0x2E10	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11792	0x2E10	2	Net ID IO-10	-	U32_HEX
11794	0x2E12	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1	-	U8

			59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11795	0x2E13	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11796	0x2E14	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1	-	U8

			59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11797	0x2E15	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11798	0x2E16	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11799	0x2E17	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8
11800	0x2E18	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11801	0x2E19	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11808	0x2E20	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11808	0x2E20	2	Net ID IO-10	-	U32_HEX
11810	0x2E22	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition	-	U8

			24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11811	0x2E23	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11812	0x2E24	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition	-	U8

			24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11813	0x2E25	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11814	0x2E26	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11815	0x2E27	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8

11816	0x2E28	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11817	0x2E29	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11824	0x2E30	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11824	0x2E30	2	Net ID IO-10	-	U32_HEX
11826	0x2E32	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11827	0x2E33	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass	-	U8

			48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11828	0x2E34	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11829	0x2E35	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass	-	U8

			48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11830	0x2E36	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11831	0x2E37	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8
11832	0x2E38	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11833	0x2E39	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11840	0x2E40	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11840	0x2E40	2	Net ID IO-10	-	U32_HEX
11842	0x2E42	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1	-	U8

			67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11843	0x2E43	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11844	0x2E44	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1	-	U8

			67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11845	0x2E45	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11846	0x2E46	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11847	0x2E47	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8
11848	0x2E48	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11849	0x2E49	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Input (IO-10) #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11856	0x2E50	Info	10	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11856	0x2E50	2	Net ID IO-10	-	U32_HEX
11858	0x2E52	1	Input 1 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1	-	U8

			31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11859	0x2E53	1	Input 2 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11860	0x2E54	1	Input 3 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Aknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1	-	U8

			31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple		
11861	0x2E55	1	Input 4 function 0 : --- - None 4 : ALO - Alarm Logical In 5 : AACK - Alarm Acknowledge 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2 255 : eFctMultiple	-	U8
11862	0x2E56	1	Input 1 state 0 : Deactivated 1 : Activated	-	U8
11863	0x2E57	1	Input 2 state 0 : Deactivated 1 : Activated	-	U8
11864	0x2E58	1	Input 3 state 0 : Deactivated 1 : Activated	-	U8
11865	0x2E59	1	Input 4 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12032	0x2F00	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12032	0x2F00	2	Net ID IO-10	-	U32_HEX
12034	0x2F02	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12035	0x2F03	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output	-	U8

			109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12036	0x2F04	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12037	0x2F05	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12048	0x2F10	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12048	0x2F10	2	Net ID IO-10	-	U32_HEX
12050	0x2F12	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12051	0x2F13	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2)	-	U8

			99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12052	0x2F14	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12053	0x2F15	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12064	0x2F20	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12064	0x2F20	2	Net ID IO-10	-	U32_HEX
12066	0x2F22	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12067	0x2F23	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active	-	U8

			89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12068	0x2F24	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12069	0x2F25	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12080	0x2F30	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12080	0x2F30	2	Net ID IO-10	-	U32_HEX
12082	0x2F32	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12083	0x2F33	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available	-	U8

			79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12084	0x2F34	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12085	0x2F35	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12096	0x2F40	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12096	0x2F40	2	Net ID IO-10	-	U32_HEX
12098	0x2F42	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active	-	U8

			108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12099	0x2F43	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12100	0x2F44	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12101	0x2F45	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Logical Output (IO-10) #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12112	0x2F50	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12112	0x2F50	2	Net ID IO-10	-	U32_HEX
12114	0x2F52	1	Output 1 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2)	-	U8

			98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple		
12115	0x2F53	1	Output 2 function 0 : --- - None 6 : ARO - Alarm Report Output 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Datacenter output 255 : eFctMultiple	-	U8
12116	0x2F54	1	Output 1 state 0 : Deactivated 1 : Activated	-	U8
12117	0x2F55	1	Output 2 state 0 : Deactivated 1 : Activated	-	U8

Statistics

Operating hours counters

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
512	0x0200	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
512	0x0200	2	Total operating hours counter	s	U32
514	0x0202	2	Partial operating hours counter	s	U32

Product Time meters

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23296	0x5B00	Info	30	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23296	0x5B00	2	Total time in position 1	s	U32
23298	0x5B02	2	User partial time in position 1	s	U32
23300	0x5B04	2	Time in position 1 since last commutation	s	U32
23302	0x5B06	2	Total time load supplied by source 1	s	U32
23304	0x5B08	2	Total time in position 2	s	U32
23306	0x5B0A	2	User partial time in position 2	s	U32
23308	0x5B0C	2	Time in position 2 since last commutation	s	U32
23310	0x5B0E	2	Total time load supplied by source 2	s	U32
23312	0x5B10	2	Start order active duration Genset source 1	s	U32
23314	0x5B12	2	Start order active duration Genset source 2	s	U32
23316	0x5B14	1	Start order activation counter Genset source 1	-	U16
23317	0x5B15	1	Start order activation counter Genset source 2	-	U16
23318	0x5B16	2	Engine Run Time Source 1	s	U32
23320	0x5B18	2	Engine Run Time - On Load - Source 1	s	U32
23322	0x5B1A	2	Engine Run Time Source 2	s	U32
23324	0x5B1C	2	Engine Run Time - On Load - Source 2	s	U32

Switch counters

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23552	0x5C00	Info	15	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23552	0x5C00	2	Switch Operating hours counter	s	U32
23554	0x5C02	1	Total Cycles counter	-	U16
23555	0x5C03	1	Cycles in auto mode	-	U16
23556	0x5C04	1	Cycles in remote control mode	-	U16
23557	0x5C05	1	Total switches counter	-	U16
23558	0x5C06	1	Total Position 0 switches counter	-	U16
23559	0x5C07	1	Total Position 1 switches counter	-	U16
23560	0x5C08	1	Total Position 2 switches counter	-	U16
23561	0x5C09	1	Position 0 switches in auto mode counter	-	U16
23562	0x5C0A	1	Position 1 switches in auto mode counter	-	U16
23563	0x5C0B	1	Position 2 switches in auto mode counter	-	U16
23564	0x5C0C	1	Position 0 switches in control mode counter	-	U16
23565	0x5C0D	1	Position 1 switches in control mode counter	-	U16
23566	0x5C0E	1	Position 2 switches in control mode counter	-	U16

Diagnostic

Source NetCnx computed #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12320	0x3020	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12320	0x3020	1	Computed : Network connection type 0 : Not computed 1 : 1P + N 2 : 2P 3 : 2P + N 4 : 3P 5 : 3P + N 8 : 3P + HL	-	U8
12321	0x3021	2	Computed : Nominal Voltage	V	U32
12323	0x3023	1	Computed : Nominal Frequency 0 : 50 Hz - eDefFnom_50Hz 1 : 60 Hz - eDefFnom_60Hz 2 : NU - Error	-	U8

12324	0x3024	1	Computed : Phase rotation 0 : V1 - V2 - V3 1 : V1 - V3 - V2	-	U8
12325	0x3025	1	Diagnosticated : Network connection type 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12326	0x3026	1	Diagnosticated : Nominal Voltage 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12327	0x3027	1	Diagnosticated : Nominal Frequency 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12328	0x3028	1	Diagnosticated : Phase rotation 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8

Source NetCnx computed #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12330	0x302A	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
12330	0x302A	1	Computed : Network connection type 0 : Not computed 1 : 1P + N 2 : 2P 3 : 2P + N 4 : 3P 5 : 3P + N 8 : 3P + HL	-	U8
12331	0x302B	2	Computed : Nominal Voltage	V	U32
12333	0x302D	1	Computed : Nominal Frequency 0 : 50 Hz - eDefFnom_50Hz 1 : 60 Hz - eDefFnom_60Hz 2 : NU - Error	-	U8
12334	0x302E	1	Computed : Phase rotation 0 : V1 - V2 - V3 1 : V1 - V3 - V2	-	U8
12335	0x302F	1	Diagnosticated : Network connection type 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12336	0x3030	1	Diagnosticated : Nominal Voltage 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12337	0x3031	1	Diagnosticated : Nominal Frequency 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8
12338	0x3032	1	Diagnosticated : Phase rotation 0 : Not Diagnosticated 1 : NOK 2 : OK	-	U8

Modbus diag

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
880	0x0370	Info	12	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
880	0x0370	2	RS SlaveRxRequestCnt	-	U32
882	0x0372	2	RS SlaveTxRequestCnt	-	U32
884	0x0374	2	RS SlaveErrorCnt	-	U32
886	0x0376	2	DGW SlaveRxRequestCnt	-	U32
888	0x0378	2	DGW SlaveTxRequestCnt	-	U32

890	0x037A	2	DGW SlaveErrorCnt	-	U32
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Modbus diag reset

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
879	0x036F	Commands	1	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
879	0x036F	1	Modbus diag reset 0 : No action 1 : Reset statistics	-	U16

Log

Events log

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4720	0x1270	Command	1	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4720	0x1270	1	Start record number (0 to 65534) or 65535 for last record	-	U16

Header

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4736	0x1280	Header	3	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
4736	0x1280	1	Next record number	-	U16
4737	0x1281	1	Items count (max 3 per request)	-	U16
4738	0x1282	1	Item size (words)	-	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4739	0x1283	Data	8	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
4739	0x1283	1	Event ID 0x1102 : BET in default 0x1103 : BET not present 0x1105 : StartGen relay fault 0x2001 : Source 1 Lost 0x2002 : Source 1 comes back 0x2003 : Source 1 not started (1ST / 2ST) 0x2004 : Source 1 Undervoltage 0x2005 : Source 1 Overvoltage 0x2006 : Source 1 Unbalanced 0x2007 : Source 1 Underfrequency 0x2008 : Source 1 Overfrequency 0x2009 : Source 1 Rotation fault 0x200A : Source 1 Neutral fault 0x200B : External fault with zero return source 1 0x200C : External fault without zero return source 1 0x200D : Source 1 Overload 0x200E : Source 1 Inhibit Start 0x200F : Source 1 Inhibit Stop 0x2101 : Source 2 Lost 0x2102 : Source 2 comes back 0x2103 : Source 2 not started (1ST / 2ST) 0x2104 : Source 2 Undervoltage 0x2105 : Source 2 Overvoltage 0x2106 : Source 2 Unbalanced 0x2107 : Source 2 Underfrequency 0x2108 : Source 2 Overfrequency	-	U16_HEX

0x2109 : Source 2 Rotation fault
0x210A : Source 2 Neutral fault
0x210B : External fault with zero return source 2
0x210C : External fault without zero return source 2
0x210D : Source 2 Overload
0x210E : Source 2 Inhibit Start
0x210F : Source 2 Inhibit Stop
0x2201 : Test on load start
0x2202 : Test on load end
0x2203 : Test on load failed
0x2204 : Test off load start
0x2205 : Test off load end
0x2206 : Test off load failed
0x2207 : External order on load start
0x2208 : External order on load end
0x2209 : External order on load failed
0x220A : External order off load start
0x220B : External order off load end
0x220C : External order off load failed
0x220D : Battery charger start
0x220E : Battery charger end
0x220F : Unlimited TOF/TOL stopped because of communication timeout
0x2301 : Automatic switch to position 0
0x2302 : Automatic switch to position 1
0x2303 : Automatic switch to position 2
0x2304 : Manual switch to position 0
0x2305 : Manual switch to position 1
0x2306 : Manual switch to position 2
0x2307 : Remote controlled switch to position 0
0x2308 : Remote controlled switch to position 1
0x2309 : Remote controlled switch to position 2
0x230A : Operating Factor Fault
0x230B : Position 0 not reached
0x230C : Position 1 not reached
0x230D : Position 2 not reached
0x230E : Unexpected switch to pos 0 when in auto mode
0x230F : Unexpected switch to pos 1 when in auto mode
0x2310 : Unexpected switch to pos 2 when in auto mode
0x2311 : Unexpected switch to pos 0 when in locked mode
0x2312 : Unexpected switch to pos 1 when in locked mode
0x2313 : Unexpected switch to pos 2 when in locked mode
0x2314 : In Phase Transfer Bypassed
0x2315 : In Phase Transfer Inhibited
0x2316 : In Phase Transfer Start
0x2317 : In Phase Transfer End
0x2401 : Input/Output configuration changed
0x2402 : Application/Timers configuration changed
0x2403 : Sources (thresholds) configuration changed
0x2404 : Communication configuration changed
0x2405 : HMI configuration changed
0x2406 : Network configuration changed
0x2409 : Default configuration loaded
0x240F : Config Change Failed
0x2410 : Password Changed
0x2412 : Load Config Changed
0x2413 : Exerciser Config Changed
0x2414 : Timer Config Changed
0x2415 : Alarm Config Changed
0x2501 : 1FT - Primary Source fail timer start
0x251D : 1FT - Primary Source fail timer stop
0x2502 : 1AT/1RT - Primary Source availability/return timer start
0x251E : 1AT/1RT - Primary Source availability/return timer stop
0x2503 : 1CT - Primary Source cooldown timer start
0x251F : 1CT - Primary Source cooldown timer stop
0x2504 : 10T - Primary Source return to 0 timer start
0x2520 : 10T - Primary Source return to 0 timer stop
0x2505 : 1ST - Primary Source wait for start timer start
0x2521 : 1ST - Primary Source wait for start timer stop
0x2506 : 1EET - Primary Source battery charger timeout start
0x2522 : 1EET - Primary Source battery charger timeout stop
0x2507 : 1EDT - Primary Source battery charger duration start
0x2523 : 1EDT - Primary Source battery charger duration stop
0x2508 : 2FT - Secondary Source fail timer start
0x2524 : 2FT - Secondary Source fail timer stop
0x2509 : 2AT/2RT - Secondary Source availability/return timer start
0x2525 : 2AT/2RT - Secondary Source availability/return timer stop
0x250A : 2CT - Secondary Source cooldown timer start
0x2526 : 2CT - Secondary Source cooldown timer stop
0x250B : 20T - Secondary Source return to 0 timer start
0x2527 : 20T - Secondary Source return to 0 timer stop
0x250C : 2ST - Secondary Source wait for start timer start
0x2528 : 2ST - Secondary Source wait for start timer stop
0x250D : 2EET - Secondary Source battery charger timeout start
0x2529 : 2EET - Secondary Source battery charger timeout stop
0x250E : 2EDT - Secondary Source battery charger duration start
0x252A : 2EDT - Secondary Source battery charger duration stop

			0x250F : DBT - Dead band timer start 0x252B : DBT - Dead band timer stop 0x2510 : TOL - Test on load duration timer start 0x252C : TOL - Test on load duration timer stop 0x2511 : T3T - Test on load end timer start 0x252D : T3T - Test on load end timer stop 0x2512 : TOF - Test off load duration timer start 0x252E : TOF - Test off load duration timer stop 0x2513 : E1T - Time before external order on load start 0x252F : E1T - Time before external order on load stop 0x2514 : E3T - Time after external order on load start 0x2530 : E3T - Time after external order on load stop 0x2515 : E2T - External order on load duration start 0x2531 : E2T - External order on load duration stop 0x2516 : E5T - Time before external order off load start 0x2532 : E5T - Time before external order off load stop 0x2517 : E7T - Time after external order off load start 0x2533 : E7T - Time after external order off load stop 0x2518 : E6T - External order off load duration start 0x2534 : E6T - External order off load duration stop 0x2519 : LSD - LoadShedding_On Timer start 0x2535 : LSD - LoadShedding_On Timer stop 0x251A : LSR - LoadShedding_Off Timer start 0x2536 : LSR - LoadShedding_Off Timer stop 0x251C : StartGen idle timer start 0x2538 : StartGen idle timer stop 0x2601 : Switched to auto mode 0x2602 : Switched to manual mode 0x2603 : Switched to locked mode 0x2604 : Switched to control mode 0x2605 : Retransfer validated 0x2606 : Test off load validated 0x2607 : Alarms / Faults reset 0x2608 : Product becomes available 0x2609 : Product becomes unavailable 0x260A : Product becomes inhibited 0x260B : Product no more inhibited 0x2706 : Source 1 Time meter reset 0x270C : Source 2 Time meter reset 0x270D : Start order count reset 0x270E : Start order active duration reset 0x270F : Secondary source duration reset 0x2710 : Secondary source active duration reset 0x2711 : Source 1 load supplied duration reset 0x2712 : Source 2 load supplied duration reset 0x2713 : Cycle Counter Reset 0x2714 : Partial Position Timer Meter Counter Reset 0x2715 : Operating Hours Counter Reset 0x2716 : Genset Stats Reset 0x2801 : Load shedding request activated 0x2802 : Load shedding request deactivated 0x2803 : Elevator activated 0x2804 : Elevator deactivated 0x2901 : Exerciser 1 Started 0x2902 : Exerciser 1 Stopped 0x2903 : Exerciser 2 Started 0x2904 : Exerciser 2 Stopped 0x2905 : Exerciser 3 Started 0x2906 : Exerciser 3 Stopped 0x2907 : Exerciser 4 Started 0x2908 : Exerciser 4 Stopped 0x4002 : Alarm Log Cleared 0x4003 : Event Log Cleared 0x4100 : Context Load Failed 0x4101 : Context Save Failed 0x4200 : Inspection Took Place 0x4201 : Passwords Reset 0x4202 : Phone Number Changed 0x4203 : Open Door 0x4204 : Product Padlocked 0x4205 : Interlock Failed 0x8000 : Power On 0x8001 : Power Off 0x8100 : Configuration changed 0x8101 : Configuration save failed 0x8102 : Configuration load failed 0x8105 : Configuration date saved 0x8106 : Configuration date save failed 0x8107 : Configuration date read failed 0x8110 : Configuration calibration read failed 0x8200 : Total Energy meters set 0x8201 : Partial Energy meters reset 0x8300 : User reset 0x8301 : Watchdog reset 0x8305 : Hard Reset 0x8306 : Device Reboot		
4740	0x1284	2	Start Date	s	DATETIME

4742	0x1286	1	Cause	-	U16_HEX
4743	0x1287	1	Status 0 : Active 1 : Finished	-	U16
4744	0x1288	1	Reserved U16	-	S16
4745	0x1289	2	Reserved U32	-	S32

Alarming

Analog-Maintenance

ALM Ana Maint Current Status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5029	0x13A5	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5029	0x13A5	1	Ack ID	-	U16
5030	0x13A6	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5031	0x13A7	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5032	0x13A8	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5033	0x13A9	2	Start date	-	DATETIME
5035	0x13AB	2	Duration	s	U32
5037	0x13AD	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : lunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2	-	U32

			80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5039	0x13AF	1	Analog variable (Instance index)	-	U16
5040	0x13B0	1	Analog variable (Instance type)	-	U16
5041	0x13B1	1	Startup delay	s / 2	U16
5042	0x13B2	1	Dropout delay	s / 2	U16
5043	0x13B3	1	Hysteresis	% / 10	U16
5044	0x13B4	4	Threshold	-	S64
5048	0x13B8	4	Min/Max	-	S64

ALM Ana Maint Current Status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5053	0x13BD	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5053	0x13BD	1	Ack ID	-	U16
5054	0x13BE	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5055	0x13BF	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5056	0x13C0	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5057	0x13C1	2	Start date	-	DATETIME
5059	0x13C3	2	Duration	s	U32
5061	0x13C5	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load)	-	U32

			30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5063	0x13C7	1	Analog variable (Instance index)	-	U16
5064	0x13C8	1	Analog variable (Instance type)	-	U16
5065	0x13C9	1	Startup delay	s / 2	U16
5066	0x13CA	1	Dropout delay	s / 2	U16
5067	0x13CB	1	Hysteresis	% / 10	U16
5068	0x13CC	4	Threshold	-	S64
5072	0x13D0	4	Min/Max	-	S64

ALM Ana Maint Current Status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5077	0x13D5	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5077	0x13D5	1	Ack ID	-	U16
5078	0x13D6	1	Status 0 : Inactive 1 : Active	-	U8

			2 : Finished 3 : FinishedAndAck		
5079	0x13D7	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5080	0x13D8	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5081	0x13D9	2	Start date	-	DATETIME
5083	0x13DB	2	Duration	s	U32
5085	0x13DD	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time	-	U32

			5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5087	0x13DF	1	Analog variable (Instance index)	-	U16
5088	0x13E0	1	Analog variable (Instance type)	-	U16
5089	0x13E1	1	Startup delay	s / 2	U16
5090	0x13E2	1	Dropout delay	s / 2	U16
5091	0x13E3	1	Hysteresis	% / 10	U16
5092	0x13E4	4	Threshold	-	S64
5096	0x13E8	4	Min/Max	-	S64

ALM Ana Maint Current Status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5101	0x13ED	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5101	0x13ED	1	Ack ID	-	U16
5102	0x13EE	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5103	0x13EF	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5104	0x13F0	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5105	0x13F1	2	Start date	-	DATETIME
5107	0x13F3	2	Duration	s	U32
5109	0x13F5	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3	-	U32

			80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5111	0x13F7	1	Analog variable (Instance index)	-	U16
5112	0x13F8	1	Analog variable (Instance type)	-	U16
5113	0x13F9	1	Startup delay	s / 2	U16
5114	0x13FA	1	Dropout delay	s / 2	U16
5115	0x13FB	1	Hysteresis	% / 10	U16
5116	0x13FC	4	Threshold	-	S64
5120	0x1400	4	Min/Max	-	S64

ALM Ana Maint Current Status #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5125	0x1405	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5125	0x1405	1	Ack ID	-	U16
5126	0x1406	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5127	0x1407	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5128	0x1408	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5129	0x1409	2	Start date	-	DATETIME
5131	0x140B	2	Duration	s	U32
5133	0x140D	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load)	-	U32

			30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5135	0x140F	1	Analog variable (Instance index)	-	U16
5136	0x1410	1	Analog variable (Instance type)	-	U16
5137	0x1411	1	Startup delay	s / 2	U16
5138	0x1412	1	Dropout delay	s / 2	U16
5139	0x1413	1	Hysteresis	% / 10	U16
5140	0x1414	4	Threshold	-	S64
5144	0x1418	4	Min/Max	-	S64

ALM Ana Maint Current Status #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5149	0x141D	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5149	0x141D	1	Ack ID	-	U16
5150	0x141E	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8

5151	0x141F	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5152	0x1420	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5153	0x1421	2	Start date	-	DATETIME
5155	0x1423	2	Duration	s	U32
5157	0x1425	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection	-	U32
5159	0x1427	1	Analog variable (Instance index)	-	U16

5160	0x1428	1	Analog variable (Instance type)	-	U16
5161	0x1429	1	Startup delay	s / 2	U16
5162	0x142A	1	Dropout delay	s / 2	U16
5163	0x142B	1	Hysteresis	% / 10	U16
5164	0x142C	4	Threshold	-	S64
5168	0x1430	4	Min/Max	-	S64

ALM Ana Maint Current Status #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5173	0x1435	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5173	0x1435	1	Ack ID	-	U16
5174	0x1436	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5175	0x1437	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5176	0x1438	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5177	0x1439	2	Start date	-	DATETIME
5179	0x143B	2	Duration	s	U32
5181	0x143D	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load)	-	U32

			110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5183	0x143F	1	Analog variable (Instance index)	-	U16
5184	0x1440	1	Analog variable (Instance type)	-	U16
5185	0x1441	1	Startup delay	s / 2	U16
5186	0x1442	1	Dropout delay	s / 2	U16
5187	0x1443	1	Hysteresis	% / 10	U16
5188	0x1444	4	Threshold	-	S64
5192	0x1448	4	Min/Max	-	S64

ALM Ana Maint Current Status #8

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5197	0x144D	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5197	0x144D	1	Ack ID	-	U16
5198	0x144E	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5199	0x144F	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5200	0x1450	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5201	0x1451	2	Start date	-	DATETIME
5203	0x1453	2	Duration	s	U32
5205	0x1455	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source)	-	U32

			30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5207	0x1457	1	Analog variable (Instance index)	-	U16
5208	0x1458	1	Analog variable (Instance type)	-	U16
5209	0x1459	1	Startup delay	s / 2	U16
5210	0x145A	1	Dropout delay	s / 2	U16
5211	0x145B	1	Hysteresis	% / 10	U16
5212	0x145C	4	Threshold	-	S64
5216	0x1460	4	Min/Max	-	S64

ALM Ana Maint Current Status #9

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5221	0x1465	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5221	0x1465	1	Ack ID	-	U16
5222	0x1466	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5223	0x1467	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And	-	U8

			3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance		
5224	0x1468	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5225	0x1469	2	Start date	-	DATETIME
5227	0x146B	2	Duration	s	U32
5229	0x146D	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection	-	U32
5231	0x146F	1	Analog variable (Instance index)	-	U16
5232	0x1470	1	Analog variable (Instance type)	-	U16
5233	0x1471	1	Startup delay	s / 2	U16
5234	0x1472	1	Dropout delay	s / 2	U16

5235	0x1473	1	Hysteresis	% / 10	U16
5236	0x1474	4	Threshold	-	S64
5240	0x1478	4	Min/Max	-	S64

ALM Ana Maint Current Status #10

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5245	0x147D	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5245	0x147D	1	Ack ID	-	U16
5246	0x147E	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5247	0x147F	1	Alarm cause : 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 19 : Maintenance	-	U8
5248	0x1480	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5249	0x1481	2	Start date	-	DATETIME
5251	0x1483	2	Duration	s	U32
5253	0x1485	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load)	-	U32

			110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
5255	0x1487	1	Analog variable (Instance index)	-	U16
5256	0x1488	1	Analog variable (Instance type)	-	U16
5257	0x1489	1	Startup delay	s / 2	U16
5258	0x148A	1	Dropout delay	s / 2	U16
5259	0x148B	1	Hysteresis	% / 10	U16
5260	0x148C	4	Threshold	-	S64
5264	0x1490	4	Min/Max	-	S64

Combination

ALM Comb Current Status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5888	0x1700	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5888	0x1700	1	Ack ID	-	U16
5889	0x1701	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5890	0x1702	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U8
5891	0x1703	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5892	0x1704	2	Start date	-	DATETIME
5894	0x1706	2	Duration	s	U32
5896	0x1708	1	Alarm 1	-	U16_HEX
5897	0x1709	1	Alarm 2	-	U16_HEX
5898	0x170A	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

ALM Comb Current Status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5899	0x170B	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5899	0x170B	1	Ack ID	-	U16

5900	0x170C	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5901	0x170D	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U8
5902	0x170E	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5903	0x170F	2	Start date	-	DATETIME
5905	0x1711	2	Duration	s	U32
5907	0x1713	1	Alarm 1	-	U16_HEX
5908	0x1714	1	Alarm 2	-	U16_HEX
5909	0x1715	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

ALM Comb Current Status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5910	0x1716	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5910	0x1716	1	Ack ID	-	U16
5911	0x1717	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5912	0x1718	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U8
5913	0x1719	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5914	0x171A	2	Start date	-	DATETIME
5916	0x171C	2	Duration	s	U32
5918	0x171E	1	Alarm 1	-	U16_HEX
5919	0x171F	1	Alarm 2	-	U16_HEX
5920	0x1720	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

ALM Comb Current Status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5921	0x1721	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5921	0x1721	1	Ack ID	-	U16
5922	0x1722	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5923	0x1723	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U8
5924	0x1724	1	Criticality : 0 : Information	-	U8

			1 : Warning 2 : Critical		
5925	0x1725	2	Start date	-	DATETIME
5927	0x1727	2	Duration	s	U32
5929	0x1729	1	Alarm 1	-	U16_HEX
5930	0x172A	1	Alarm 2	-	U16_HEX
5931	0x172B	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

Logical

ALM Log Current Status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5456	0x1550	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5456	0x1550	1	Ack ID	-	U16
5457	0x1551	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5458	0x1552	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U8
5459	0x1553	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5460	0x1554	2	Start date	-	DATETIME
5462	0x1556	2	Duration	s	U32
5464	0x1558	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5465	0x1559	1	Startup delay	s / 2	U16
5466	0x155A	1	Dropout delay	s / 2	U16

ALM Log Current Status #2

		Type	Size	Lock level	Locked fcts	Unlocked fcts
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Dec start address	Hex start address					
5467	0x155B	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5467	0x155B	1	Ack ID	-	U16
5468	0x155C	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5469	0x155D	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U8
5470	0x155E	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5471	0x155F	2	Start date	-	DATE TIME
5473	0x1561	2	Duration	s	U32
5475	0x1563	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5476	0x1564	1	Startup delay	s / 2	U16
5477	0x1565	1	Dropout delay	s / 2	U16

ALM Log Current Status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5478	0x1566	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5478	0x1566	1	Ack ID	-	U16
5479	0x1567	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5480	0x1568	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U8
5481	0x1569	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8

5482	0x156A	2	Start date	-	DATETIME
5484	0x156C	2	Duration	s	U32
5486	0x156E	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5487	0x156F	1	Startup delay	s / 2	U16
5488	0x1570	1	Dropout delay	s / 2	U16

ALM Log Current Status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5489	0x1571	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5489	0x1571	1	Ack ID	-	U16
5490	0x1572	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5491	0x1573	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U8
5492	0x1574	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5493	0x1575	2	Start date	-	DATETIME
5495	0x1577	2	Duration	s	U32
5497	0x1579	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1	-	U8

			23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
5498	0x157A	1	Startup delay	s / 2	U16
5499	0x157B	1	Dropout delay	s / 2	U16

System

ALM Sys Current Status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6400	0x1900	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6400	0x1900	1	Ack ID	-	U16
6401	0x1901	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6402	0x1902	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6403	0x1903	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6404	0x1904	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6405	0x1905	2	Start date	-	DATETIME
6407	0x1907	2	Duration	s	U32
6409	0x1909	1	Startup delay	s / 2	U16
6410	0x190A	1	Dropout delay	s / 2	U16
6411	0x190B	2	SpeData 1	-	U32
6413	0x190D	1	SpeData 5	-	U16
6414	0x190E	1	SpeData 6	-	U16
6415	0x190F	4	SpeData 7	-	S64
6419	0x1913	4	SpeData 8	-	S64

ALM Sys Current Status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6423	0x1917	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6423	0x1917	1	Ack ID	-	U16
6424	0x1918	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8

6425	0x1919	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6426	0x191A	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6427	0x191B	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6428	0x191C	2	Start date	-	DATETIME
6430	0x191E	2	Duration	s	U32
6432	0x1920	1	Startup delay	s / 2	U16
6433	0x1921	1	Dropout delay	s / 2	U16
6434	0x1922	2	SpeData 1	-	U32
6436	0x1924	1	SpeData 5	-	U16
6437	0x1925	1	SpeData 6	-	U16
6438	0x1926	4	SpeData 7	-	S64
6442	0x192A	4	SpeData 8	-	S64

ALM Sys Current Status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6446	0x192E	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6446	0x192E	1	Ack ID	-	U16
6447	0x192F	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6448	0x1930	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6449	0x1931	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6450	0x1932	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6451	0x1933	2	Start date	-	DATETIME
6453	0x1935	2	Duration	s	U32
6455	0x1937	1	Startup delay	s / 2	U16
6456	0x1938	1	Dropout delay	s / 2	U16
6457	0x1939	2	SpeData 1	-	U32
6459	0x193B	1	SpeData 5	-	U16
6460	0x193C	1	SpeData 6	-	U16
6461	0x193D	4	SpeData 7	-	S64
6465	0x1941	4	SpeData 8	-	S64

ALM Sys Current Status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6469	0x1945	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6469	0x1945	1	Ack ID	-	U16
6470	0x1946	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6471	0x1947	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6472	0x1948	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6473	0x1949	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6474	0x194A	2	Start date	-	DATETIME
6476	0x194C	2	Duration	s	U32
6478	0x194E	1	Startup delay	s / 2	U16
6479	0x194F	1	Dropout delay	s / 2	U16
6480	0x1950	2	SpeData 1	-	U32
6482	0x1952	1	SpeData 5	-	U16
6483	0x1953	1	SpeData 6	-	U16
6484	0x1954	4	SpeData 7	-	S64
6488	0x1958	4	SpeData 8	-	S64

ALM Sys Current Status #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6492	0x195C	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6492	0x195C	1	Ack ID	-	U16
6493	0x195D	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6494	0x195E	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6495	0x195F	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6496	0x1960	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6497	0x1961	2	Start date	-	DATETIME
6499	0x1963	2	Duration	s	U32
6501	0x1965	1	Startup delay	s / 2	U16
6502	0x1966	1	Dropout delay	s / 2	U16
6503	0x1967	2	SpeData 1	-	U32
6505	0x1969	1	SpeData 5	-	U16
6506	0x196A	1	SpeData 6	-	U16

6507	0x196B	4	SpeData 7	-	S64
6511	0x196F	4	SpeData 8	-	S64

ALM Sys Current Status #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6515	0x1973	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6515	0x1973	1	Ack ID	-	U16
6516	0x1974	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6517	0x1975	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6518	0x1976	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6519	0x1977	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6520	0x1978	2	Start date	-	DATE TIME
6522	0x197A	2	Duration	s	U32
6524	0x197C	1	Startup delay	s / 2	U16
6525	0x197D	1	Dropout delay	s / 2	U16
6526	0x197E	2	SpeData 1	-	U32
6528	0x1980	1	SpeData 5	-	U16
6529	0x1981	1	SpeData 6	-	U16
6530	0x1982	4	SpeData 7	-	S64
6534	0x1986	4	SpeData 8	-	S64

ALM Sys Current Status #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6538	0x198A	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6538	0x198A	1	Ack ID	-	U16
6539	0x198B	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6540	0x198C	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6541	0x198D	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U8
6542	0x198E	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8

6543	0x198F	2	Start date	-	DATETIME
6545	0x1991	2	Duration	s	U32
6547	0x1993	1	Startup delay	s / 2	U16
6548	0x1994	1	Dropout delay	s / 2	U16
6549	0x1995	2	SpeData 1	-	U32
6551	0x1997	1	SpeData 5	-	U16
6552	0x1998	1	SpeData 6	-	U16
6553	0x1999	4	SpeData 7	-	S64
6557	0x199D	4	SpeData 8	-	S64

Faults

ALM Fault Current Status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5952	0x1740	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5952	0x1740	1	Ack ID	-	U16
5953	0x1741	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5954	0x1742	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
5955	0x1743	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
5956	0x1744	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5957	0x1745	2	Start date	-	DATETIME
5959	0x1747	2	Duration	s	U32

ALM Fault Current Status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5975	0x1757	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5975	0x1757	1	Ack ID	-	U16
5976	0x1758	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
5977	0x1759	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
5978	0x175A	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
5979	0x175B	1	Criticality : 0 : Information	-	U8

			1 : Warning 2 : Critical		
5980	0x175C	2	Start date	-	DATETIME
5982	0x175E	2	Duration	s	U32

ALM Fault Current Status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5998	0x176E	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
5998	0x176E	1	Ack ID	-	U16
5999	0x176F	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6000	0x1770	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
6001	0x1771	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
6002	0x1772	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6003	0x1773	2	Start date	-	DATETIME
6005	0x1775	2	Duration	s	U32

ALM Fault Current Status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6021	0x1785	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6021	0x1785	1	Ack ID	-	U16
6022	0x1786	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6023	0x1787	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
6024	0x1788	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
6025	0x1789	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6026	0x178A	2	Start date	-	DATETIME
6028	0x178C	2	Duration	s	U32

ALM Fault Current Status #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
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6044	0x179C	Info	9	NONE	READ	READ
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Dec address	Hex address	Words count	Description	Unit	Data type
6044	0x179C	1	Ack ID	-	U16
6045	0x179D	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6046	0x179E	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
6047	0x179F	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
6048	0x17A0	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6049	0x17A1	2	Start date	-	DATETIME
6051	0x17A3	2	Duration	s	U32

ALM Fault Current Status #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6067	0x17B3	Info	9	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
6067	0x17B3	1	Ack ID	-	U16
6068	0x17B4	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U8
6069	0x17B5	1	Alarm Type 0 : None 1 : Unexpected Transfer 2 : Failed to Transfer 3 : Operating Factor Fault 4 : Max PWD Attempts 5 : Genset Failed to Start 6 : External Fault	-	U8
6070	0x17B6	1	Alarm cause : 0 : Cause Unknown 20 : Fault Active	-	U8
6071	0x17B7	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6072	0x17B8	2	Start date	-	DATETIME
6074	0x17BA	2	Duration	s	U32

Log

ALM Log

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
9120	0x23A0	Command	1	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
9120	0x23A0	1	Start record number (0 to 65534) or 65535 for last record	-	U16

Header

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
9136	0x23B0	Header	3	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
9136	0x23B0	1	Next record number	-	U16
9137	0x23B1	1	Items count (max 7 per request)	-	U16
9138	0x23B2	1	Item size (words)	-	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
9139	0x23B3	Data	21	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
9139	0x23B3	1	Alarm cause 0 : Cause Unknown 1 : Analog. High Th. Single 2 : Analog. High Th. Tri. And 3 : Analog. High Th. Tri. Or 4 : Analog. Low Th Single 5 : Analog. Low Th. Tri. And 6 : Analog. Low Th. Tri. Or 7 : Logical Active 8 : Combi. And 9 : Combi. Or 10 : EN50160 Active 11 : Inrush Active 12 : System Active 19 : Maintenance 20 : Fault	-	U16_HEX
9140	0x23B4	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
9141	0x23B5	2	Start date	-	DATETIME
9143	0x23B7	2	Duration	s	U32
9145	0x23B9	2	Specific data 1 (depend on alarm type)	-	U32
9147	0x23BB	1	Specific data 2 (depend on alarm type)	-	U16
9148	0x23BC	1	Specific data 3 (depend on alarm type)	-	U16
9149	0x23BD	1	Specific data 4 (depend on alarm type)	-	U16
9150	0x23BE	1	Specific data 5 (depend on alarm type)	-	U16
9151	0x23BF	1	Specific data 6 (depend on alarm type)	-	U16
9152	0x23C0	4	Specific data 7 (depend on alarm type)	-	S64
9156	0x23C4	4	Specific data 8 (depend on alarm type)	-	S64

Settings

Hour/Date

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57600	0xE100	Date/Time command	6	NONE	READ WRITE WRITE_MANY	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
57600	0xE100	1	Day	-	U8
57601	0xE101	1	Month	-	U8
57602	0xE102	1	Year	-	U8
57603	0xE103	1	Hour	-	U8

57604	0xE104	1	Minute	-	U8
57605	0xE105	1	Second	-	U8

Network and Load

Setup Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12288	0x3000	Settings	10	NONE	READ WRITE WRITE_MANY	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
12288	0x3000	1	Network connection type 0 : Not defined 1 : 1P + N 2 : 2P 3 : 2P + N 4 : 3P 5 : 3P + N 7 : 3P + N / 1P + N 8 : 3P + HL	-	U8
12289	0x3001	2	Nominal Voltage	V	U32
12291	0x3003	1	Nominal Frequency 0 : 50 Hz - eDefFnom_50Hz 1 : 60 Hz - eDefFnom_60Hz	-	U8
12292	0x3004	1	Phase Rotation 0 : V1 - V2 - V3 1 : V1 - V3 - V2	-	U8
12293	0x3005	1	Voltage transformer used 0 : NO 1 : YES	-	U8
12294	0x3006	2	Voltage transformer rate : primary	-	U32
12296	0x3008	1	Voltage transformer rate : secondary	-	U16
12297	0x3009	1	Phase Rotation Check 0 : NO 1 : YES	-	U8

Setup Threshold for up stream Voltages

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22272	0x5700	Settings	20	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
22272	0x5700	1	Source 1 : Overvoltage threshold	%	U8
22273	0x5701	1	Source 1 : Overvoltage hysteresis threshold	%	U8
22274	0x5702	1	Source 1 : Undervoltage threshold	%	U8
22275	0x5703	1	Source 1 : Undervoltage hysteresis threshold	%	U8
22276	0x5704	1	Source 2 : Overvoltage threshold	%	U8
22277	0x5705	1	Source 2 : Overvoltage hysteresis threshold	%	U8
22278	0x5706	1	Source 2 : Undervoltage threshold	%	U8
22279	0x5707	1	Source 2 : Undervoltage hysteresis threshold	%	U8
22280	0x5708	1	Source 1 : Unbalanced voltage threshold	%	U8
22281	0x5709	1	Source 1 : Unbalanced voltage hysteresis threshold	%	U8
22282	0x570A	1	Source 2 : Unbalanced voltage threshold	%	U8
22283	0x570B	1	Source 2 : Unbalanced voltage hysteresis threshold	%	U8
22284	0x570C	1	Source 1 : Overfrequency threshold	% / 10	U16
22285	0x570D	1	Source 1 : Overfrequency hysteresis threshold	% / 10	U16
22286	0x570E	1	Source 1 : Underfrequency threshold	% / 10	U16
22287	0x570F	1	Source 1 : Underfrequency hysteresis threshold	% / 10	U16
22288	0x5710	1	Source 2 : Overfrequency threshold	% / 10	U16
22289	0x5711	1	Source 2 : Overfrequency hysteresis threshold	% / 10	U16
22290	0x5712	1	Source 2 : Underfrequency threshold	% / 10	U16
22291	0x5713	1	Source 2 : Underfrequency hysteresis threshold	% / 10	U16

Setup Loads

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
13823	0x35FF	Settings	45	NONE	READ WRITE WRITE_MANY	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
13823	0x35FF	1	Enabled 0 : Disabled 1 : Enabled	-	U8
13824	0x3600	1	Type 0 : Undefined 1 : 1P+N-1CT 2 : 2P-1CT 3 : 2P+N-2CT 4 : 3P-1CT 5 : 3P-2CT 6 : 3P-3CT 7 : 3P+N-1CT 8 : 3P+N-3CT 9 : 3P+N-4CT	-	U8
13825	0x3601	1	Inom	A	U16
13826	0x3602	1	Nature (read only) 0 : Electricity	-	U8
13827	0x3603	1	Usage 0 : Heating 1 : Ventilation 2 : Air Conditionning 3 : Auxiliary Fan Pump 4 : Indoor Lighting 5 : Outdoor Lighting 6 : Socket 7 : Hot Water Domestic 8 : Hot Water 9 : Cold Water 10 : Ice Water 11 : Refrigerating Production 12 : Photovoltaics 13 : Wind 14 : IT 15 : Process 16 : Usage 1 17 : Usage 2 18 : Usage 3 19 : Undefined 20 : Custom Usage	-	U8
13828	0x3604	16	Name	-	STRING_NORM
13844	0x3614	16	Custom usage	-	STRING_NORM
13860	0x3624	1	Current Transformer secondary 1 : 1 A 5 : 5 A	-	U8
13861	0x3625	1	Current Transformer primary	A	U16
13862	0x3626	1	Neutral Current Transformer secondary 1 : 1 A 5 : 5 A	-	U8
13863	0x3627	1	Neutral Current Transformer primary	A	U16
13864	0x3628	1	Line I1 Way 0 : Positive (+) 1 : Negative (-)	-	U8
13865	0x3629	1	Line I2 Way 0 : Positive (+) 1 : Negative (-)	-	U8
13866	0x362A	1	Line I3 Way 0 : Positive (+) 1 : Negative (-)	-	U8
13867	0x362B	1	Line I4 Way 0 : Positive (+) 1 : Negative (-)	-	U8

Setup user's power threshold

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts

22784	0x5900	Settings	4	USER	READ	READ WRITE WRITE_MANY
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Dec address	Hex address	Words count	Description	Unit	Data type
22784	0x5900	1	Source 1: Total Apparent Power threshold	kVA	U16
22785	0x5901	1	Source 1: Total Apparent Power hysteresis threshold	kVA	U16
22786	0x5902	1	Source 2: Total Apparent Power threshold	kVA	U16
22787	0x5903	1	Source 2: Total Apparent Power hysteresis threshold	kVA	U16

Setup In Phase Transfer

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22528	0x5800	Settings	6	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
22528	0x5800	1	Enabled 0 : Disabled 1 : Enabled	-	U8
22529	0x5801	1	Delta Voltage	% / 10	U16
22530	0x5802	1	Frequency slip rate	F 10 ⁻¹	U16
22531	0x5803	1	Delta Angle	?	U16
22532	0x5804	1	In phase timer IPT	s 10 ⁻³	U16
22533	0x5805	1	In phase research delay timer IPD	s	U16

Automation

ATS Application

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22064	0x5630	Settings	53	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
22064	0x5630	1	Type of Application 0 : M-M 1 : M-G 2 : G-G	-	U8
22065	0x5631	1	Reserved	-	-
22066	0x5632	1	External position command logic type 0 : CONTACT 1 : IMPULSE	-	U8
22067	0x5633	1	Priority - Power Supply 0 : Network 1 : Source 1 2 : Source 2	-	U8
22068	0x5634	1	Priority - Test On Load 0 : NO 1 : YES	-	U8
22069	0x5635	1	Priority - External Order On Load 0 : NO 1 : YES	-	U8
22070	0x5636	1	Manual retransfer 0 : NO 1 : YES	-	U8
22071	0x5637	1	Return to Zero function 0 : NO 1 : YES	-	U8
22072	0x5638	1	Reserved	-	-
22073	0x5639	1	Reserved	-	-
22074	0x563A	1	Switch Technology 0 : ATyS FT (I - II Switch) 1 : ATyS r/d 2 : Contactor	-	U8

			3 : Circuit Breaker 4 : ATyS DT		
22075	0x563B	1	Test Button use 0 : Test Off Load 1 : Test On Load	-	U8
22076	0x563C	1	Op. Factor : Nb of operations	-	U8
22077	0x563D	1	Op. Factor : Time for nb of operations	min	U8
22078	0x563E	16	Source1 Name	-	STRING_NORM
22094	0x564E	16	Source2 Name	-	STRING_NORM
22110	0x565E	1	Elevator function 0 : NO 1 : YES	-	U8
22111	0x565F	1	Retry number	-	U8
22112	0x5660	1	Retry delay	s 10 ⁻³	U16
22113	0x5661	1	Load shedding function 0 : Disabled 1 : Enabled	-	U8
22114	0x5662	1	Respect Dead Band Timer in Remote Control 0 : Disabled 1 : Enabled	-	U8
22115	0x5663	1	Power Up In Auto 0 : NO 1 : YES	-	U8
22116	0x5664	1	Datacenter Compressor function 0 : Disabled 1 : Enabled	-	U8

Timers

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22016	0x5600	Settings	36	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
22016	0x5600	1	1FT Source1 Failure Timer	s 10 ⁻¹	U16
22017	0x5601	1	1RT Source1 Available/Return Timer	s	U16
22018	0x5602	1	1CT Source1 Genset Cooldown timer	s	U16
22019	0x5603	1	10T Source1 return to 0 timer	s	U16
22020	0x5604	1	1ST Source1 Start TimeOut timer	s	U16
22021	0x5605	1	EET1: Primary Source engine exerciser timeout	h	U16
22022	0x5606	1	EDT1: Primary Source engine exerciser duration	s	U16
22023	0x5607	1	2FT Source2 Failure Timer	s 10 ⁻¹	U16
22024	0x5608	1	2RT Source2 Available/Return Timer	s	U16
22025	0x5609	1	2CT Source2 Genset Cooldown timer	s	U16
22026	0x560A	1	20T Source2 return to 0 timer	s	U16
22027	0x560B	1	2ST Source2 Start TimeOut timer	s	U16
22028	0x560C	1	EET2: Secondary Source engine exerciser timeout	h	U16
22029	0x560D	1	EDT2: Secondary Source engine exerciser duration	s	U16
22030	0x560E	1	DBT Dead Band timer Source 1	s	U16
22031	0x560F	1	Limit_TOT Test on load is limited 0 : unlimited 1 : limited	-	U8
22032	0x5610	1	TOT Test on load duration timer	s	U16
22033	0x5611	1	T3T Test on load end timer	s	U16
22034	0x5612	1	Limit_TFT Test off load is limited 0 : unlimited 1 : limited	-	U8
22035	0x5613	1	TFT Test off load duration timer	s	U16
22036	0x5614	1	E1T Time before external order on load	s	U16
22037	0x5615	1	E3T Time after external order on load	s	U16
22038	0x5616	1	Limit_E2T External order on load is limited 0 : unlimited 1 : limited	-	U8
22039	0x5617	1	E2T External order on load duration	s	U16
22040	0x5618	1	E5T Time before external order off load	s	U16
22041	0x5619	1	E7T Time after external order off load	s	U16

22042	0x561A	1	Limit_E6T External order off load is limited 0 : unlimited 1 : limited	-	U8
22043	0x561B	1	E6T External order off load duration	s	U16
22044	0x561C	1	LSD: LoadShedding_On Timer	s	U16
22045	0x561D	1	LSR: LoadShedding_Off Timer	s	U16
22046	0x561E	1	LSB (between 100 ms and 9999 ms)	s 10 ⁻³	U16
22047	0x561F	1	DRT: Dynamic return timer	s	U16
22048	0x5620	1	ELD : Elevator Delay Timer	s	U16
22049	0x5621	1	ELR : Elevator Reset Timer	s	U16
22050	0x5622	1	DBT Dead Band timer Source 2	s	U16
22051	0x5623	1	DCT: Datacenter Compressor Timer	s	U16

Exerciser

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24064	0x5E00	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
24064	0x5E00	1	Custom1: Exerciser Type set 0 : Not Used 1 : For TON 2 : For TOF	-	U8
24065	0x5E01	1	Reserved	-	-
24066	0x5E02	1	Custom1: Periodic Schedule Set 0 : Daily 1 : Weekly 2 : Bi Weekly 3 : Monthly 4 : Yearly 5 : Non Cyclic 6 : Bi Daily 7 : Bi Monthly 8 : Hexa Monthly 9 : 28 Days	-	U8
24067	0x5E03	2	Custom1 Start Time	-	DATETIME
24069	0x5E05	1	Custom1 Duration	s	U16
24070	0x5E06	2	Custom1 End Time	-	DATETIME
24072	0x5E08	1	Custom2: Exerciser Type set 0 : Not Used 1 : For TON 2 : For TOF	-	U8
24073	0x5E09	1	Reserved	-	-
24074	0x5E0A	1	Custom2: Periodic Schedule Set 0 : Daily 1 : Weekly 2 : Bi Weekly 3 : Monthly 4 : Yearly 5 : Non Cyclic 6 : Bi Daily 7 : Bi Monthly 8 : Hexa Monthly 9 : 28 Days	-	U8
24075	0x5E0B	2	Custom2 Start Time	-	DATETIME
24077	0x5E0D	1	Custom2 Duration	s	U16
24078	0x5E0E	2	Custom2 End Time	-	DATETIME
24080	0x5E10	1	Custom3: Exerciser Type set 0 : Not Used 1 : For TON 2 : For TOF	-	U8
24081	0x5E11	1	Reserved	-	-
24082	0x5E12	1	Custom3: Periodic Schedule Set 0 : Daily 1 : Weekly 2 : Bi Weekly 3 : Monthly 4 : Yearly 5 : Non Cyclic 6 : Bi Daily 7 : Bi Monthly	-	U8

			8 : Hexa Monthly 9 : 28 Days		
24083	0x5E13	2	Custom3 Start Time	-	DATETIME
24085	0x5E15	1	Custom3 Duration	s	U16
24086	0x5E16	2	Custom3 End Time	-	DATETIME
24088	0x5E18	1	Custom4: Exerciser Type set 0 : Not Used 1 : For TON 2 : For TOF	-	U8
24089	0x5E19	1	Reserved	-	-
24090	0x5E1A	1	Custom4: Periodic Schedule Set 0 : Daily 1 : Weekly 2 : Bi Weekly 3 : Monthly 4 : Yearly 5 : Non Cyclic 6 : Bi Daily 7 : Bi Monthly 8 : Hexa Monthly 9 : 28 Days	-	U8
24091	0x5E1B	2	Custom4 Start Time	-	DATETIME
24093	0x5E1D	1	Custom4 Duration	s	U16
24094	0x5E1E	2	Custom4 End Time	-	DATETIME
24096	0x5E20	1	Min Idle Time to Run	min	U16

Inputs and outputs

Output Relay

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
16384	0x4000	Settings	13	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
16384	0x4000	1	Output 1 function 0 : --- - None 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output	-	U8

16385	0x4001	1	Output 2 function 0 : --- - None 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output	-	U8
16386	0x4002	1	Output 3 function 0 : --- - None 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2 72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output	-	U8
16387	0x4003	1	Output 4 function 0 : --- - None 70 : PO1 - Switch to pos 1 71 : PO2 - Switch to pos 2	-	U8

			72 : PO0 - Switch to pos 0 73 : PA0 - Switch A to pos 0 (S1) 74 : PB0 - Switch B to pos 0 (S2) 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output		
16388	0x4004	1	Output 1 type 0 : NO 1 : NC	-	U8
16389	0x4005	1	Output 2 type 0 : NO 1 : NC	-	U8
16390	0x4006	1	Output 3 type 0 : NO 1 : NC	-	U8
16391	0x4007	1	Output 4 type 0 : NO 1 : NC	-	U8
16392	0x4008	1	Pulse length (RTSE control in pulse mode)	s 10 ⁻³	U16
16393	0x4009	1	Output 5 function (Genset S1) 0 : --- - None 75 : GS1 - Genset Source 1 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active	-	U8

			108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output		
16394	0x400A	1	Output 6 function (Genset S2) 0 : --- - None 75 : GS1 - Genset Source 1 start 76 : GS2 - Genset Source 2 start 77 : S1A - Source 1 available 78 : S2A - Source 2 available 79 : SCA - At Least 1 source avail 80 : S1U - Source 1 unavailable 81 : S2U - Source 2 unavailable 82 : AC1 - Source 1 closed 83 : AC2 - Source 2 closed 84 : AC0 - Off position 85 : LO1 - Source 1 closed and available 86 : LO2 - Source 2 closed and available 87 : LSC - Load shedding (forced) 88 : FLT - Faults active 89 : POP - Product operational (switch + controller) 90 : LCK - Product locked 91 : COP - Controller operational 92 : TOS - Test on load in progress 93 : EOS - External test on load in progress 94 : ROS - TON or EON in progress 95 : PTS - Power threshold exceeded (smart shedding) 96 : EES - Battery charger 97 : TPP - Partial trip (TP1 or TP2) 98 : TPT - Total trip (TP1 and TP2) 99 : IPT - In phase transfer in progress 100 : PHI - Phase inversion 101 : CO1 - Copy input 1 102 : CO2 - Copy input 2 103 : CO3 - Copy input 3 104 : CO4 - Copy input 4 105 : CO5 - Copy input 5 106 : CO6 - Copy input 6 107 : EEA - Engine exerciser active 108 : ELV - Elevator output 109 : AUD - Critical Alarm Active 110 : DCT - Compressor output	-	U8
16395	0x400B	1	Output 5 type 0 : NO 1 : NC	-	U8
16396	0x400C	1	Output 6 type 0 : NO 1 : NC	-	U8

Input

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11296	0x2C20	Settings	12	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11296	0x2C20	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0	-	U8

			47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11297	0x2C21	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11298	0x2C22	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass	-	U8

			43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11299	0x2C23	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11300	0x2C24	1	Input 5 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available	-	U8

			39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11301	0x2C25	1	Input 6 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 43 : AC1 - Switch position 1 44 : AC2 - Switch position 2 45 : AC0 - Switch position 0 46 : AC0A - Switch A position 0 47 : AC0B - Switch B position 0 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11302	0x2C26	1	Input 1 type 0 : NO 1 : NC	-	U8
11303	0x2C27	1	Input 2 type 0 : NO 1 : NC	-	U8
11304	0x2C28	1	Input 3 type 0 : NO 1 : NC	-	U8
11305	0x2C29	1	Input 4 type 0 : NO 1 : NC	-	U8

11306	0x2C2A	1	Input 5 type 0 : NO 1 : NC	-	U8
11307	0x2C2B	1	Input 6 type 0 : NO 1 : NC	-	U8

Input (IO-10) #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11312	0x2C30	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11312	0x2C30	2	Net ID IO-10	-	U32_HEX
11314	0x2C32	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11315	0x2C33	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available	-	U8

			53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11316	0x2C34	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11317	0x2C35	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1	-	U8

			59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11318	0x2C36	1	Input 1 type 0 : NO 1 : NC	-	U8
11319	0x2C37	1	Input 2 type 0 : NO 1 : NC	-	U8
11320	0x2C38	1	Input 3 type 0 : NO 1 : NC	-	U8
11321	0x2C39	1	Input 4 type 0 : NO 1 : NC	-	U8

Input (IO-10) #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11328	0x2C40	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11328	0x2C40	2	Net ID IO-10	-	U32_HEX
11330	0x2C42	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11331	0x2C43	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer	-	U8

			29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11332	0x2C44	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11333	0x2C45	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load	-	U8

			37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11334	0x2C46	1	Input 1 type 0 : NO 1 : NC	-	U8
11335	0x2C47	1	Input 2 type 0 : NO 1 : NC	-	U8
11336	0x2C48	1	Input 3 type 0 : NO 1 : NC	-	U8
11337	0x2C49	1	Input 4 type 0 : NO 1 : NC	-	U8

Input (IO-10) #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11344	0x2C50	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11344	0x2C50	2	Net ID IO-10	-	U32_HEX
11346	0x2C52	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition	-	U8

			63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11347	0x2C53	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11348	0x2C54	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11349	0x2C55	1		-	U8

			Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11350	0x2C56	1	Input 1 type 0 : NO 1 : NC	-	U8
11351	0x2C57	1	Input 2 type 0 : NO 1 : NC	-	U8
11352	0x2C58	1	Input 3 type 0 : NO 1 : NC	-	U8
11353	0x2C59	1	Input 4 type 0 : NO 1 : NC	-	U8

Input (IO-10) #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11360	0x2C60	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11360	0x2C60	2	Net ID IO-10	-	U32_HEX
11362	0x2C62	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable	-	U8

			40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11363	0x2C63	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11364	0x2C64	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser	-	U8

			52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11365	0x2C65	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11366	0x2C66	1	Input 1 type 0 : NO 1 : NC	-	U8
11367	0x2C67	1	Input 2 type 0 : NO 1 : NC	-	U8
11368	0x2C68	1	Input 3 type 0 : NO 1 : NC	-	U8
11369	0x2C69	1	Input 4 type 0 : NO 1 : NC	-	U8

Input (IO-10) #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11376	0x2C70	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11376	0x2C70	2	Net ID IO-10	-	U32_HEX
11378	0x2C72	1	Input 1 function 0 : --- - None 21 : INH - Inhibition	-	U8

			22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11379	0x2C73	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11380	0x2C74	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load	-	U8

			28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11381	0x2C75	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11382	0x2C76	1	Input 1 type 0 : NO 1 : NC	-	U8
11383	0x2C77	1	Input 2 type 0 : NO 1 : NC	-	U8
11384	0x2C78	1	Input 3 type 0 : NO 1 : NC	-	U8
11385	0x2C79	1	Input 4 type 0 : NO 1 : NC	-	U8

Input (IO-10) #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11392	0x2C80	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11392	0x2C80	2	Net ID IO-10	-	U32_HEX
11394	0x2C82	1	Input 1 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11395	0x2C83	1	Input 2 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2	-	U8

			61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11396	0x2C84	1	Input 3 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer 66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2	-	U8
11397	0x2C85	1	Input 4 function 0 : --- - None 21 : INH - Inhibition 22 : INHP - Partial Inhibition 23 : INHT - Total Inhibition 24 : TON - Test on load 25 : TOF - Test off load 26 : EON - External order on load 27 : EOF - External order off load 28 : MRT - Manual Retransfer 29 : PRI - Change Priority 30 : SS1 - Validation Stabilization source 1 31 : SS2 - Validation Stabilization source 2 32 : ALE - External Alarm 33 : FTE - External Fault 36 : MSR - Priority test on load 37 : OA1 - Override source 1 available 38 : OA2 - Override source 2 available 39 : OU1 - Override source 1 unavailable 40 : OU2 - Override source 2 unavailable 41 : RST - Reset faults state 42 : LSB - LSD Timer Bypass 48 : MAN - RTSE in manual mode 49 : LCK - RTSE locked 51 : IEE - Inhibit engine exerciser 52 : POP - RTSE available 53 : PS1 - Go to position 1 54 : PS2 - Go to position 2 55 : PS0 - Go to position 0 56 : RT0 - Return to 0 position 57 : BLK - Interlocking blocked 58 : TP1 - Trip S1 59 : TP2 - Trip S2 61 : EST - Emergency Stop 62 : IPI - In-phase inhibition 63 : IPB - In-phase bypass 64 : BCT - Bypass Current Timer 65 : ELB - Bypass Elevator Delay Timer	-	U8

			66 : IS1 - Inhibit Source 1 67 : IS2 - Inhibit Source 2		
11398	0x2C86	1	Input 1 type 0 : NO 1 : NC	-	U8
11399	0x2C87	1	Input 2 type 0 : NO 1 : NC	-	U8
11400	0x2C88	1	Input 3 type 0 : NO 1 : NC	-	U8
11401	0x2C89	1	Input 4 type 0 : NO 1 : NC	-	U8

Communication

Slave address

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57344	0xE000	Settings	1	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
57344	0xE000	1	Slave Address	-	U8

Modbus slave connection settings RS485

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57345	0xE001	Settings	3	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
57345	0xE001	1	Baudrate : 0 : 1200 1 : 2400 2 : 4800 3 : 9600 4 : 19200 5 : 38400 6 : 57600 7 : 115200	-	U8
57346	0xE002	1	Stop bit : 0 : 1 1 : 2	-	U8
57347	0xE003	1	Parity : 0 : None 1 : Odd 2 : Even	-	U8

Display

Screen interface settings

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
28928	0x7100	Settings	7	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
28928	0x7100	1	Language 0 : English 1 : French 2 : German 3 : Italian 4 : Polish	-	U16

			5 : Spanish 6 : Turkish 8 : Chinese 9 : Portuguese		
28929	0x7101	1	Backlight intensity	-	U16
28930	0x7102	1	Backlight timeout	s	U16
28931	0x7103	1	Contrast 0 : Dark 1 : Medium 2 : Light	-	U16
28932	0x7104	1	Reserved	-	-
28933	0x7105	1	Reserved	-	-
28934	0x7106	1	LampTest Duration	s	U16

Setup Option LED

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
29008	0x7150	Settings	10	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
29008	0x7150	1	LED X Function 0 : None 1 : Always ON 2 : Touchbutton response 3 : Communication over RS LED 4 : Engine Exerciser Active 5 : Input state report 6 : Output state report 7 : NOT IN AUTO 8 : Inhibit 9 : Load Shedding Active 10 : Genset Cooling down 11 : Elevator Active 12 : Transfer In Progress	-	U8
29009	0x7151	1	LED X Color 0 : Blue 1 : Yellow	-	U8
29010	0x7152	1	LED X Behavior 0 : Stable ON 1 : Blink	-	U8
29011	0x7153	1	LED X Input report index 0 : Internal Input 1 1 : Internal Input 2 2 : Internal Input 3 3 : Internal Input 4 4 : Internal Input 5 5 : Internal Input 6 10 : IO10 #1 Input 1 11 : IO10 #1 Input 2 12 : IO10 #1 Input 3 13 : IO10 #1 Input 4 14 : IO10 #2 Input 1 15 : IO10 #2 Input 2 16 : IO10 #2 Input 3 17 : IO10 #2 Input 4 18 : IO10 #3 Input 1 19 : IO10 #3 Input 2 20 : IO10 #3 Input 3 21 : IO10 #3 Input 4 22 : IO10 #4 Input 1 23 : IO10 #4 Input 2 24 : IO10 #4 Input 3 25 : IO10 #4 Input 4 26 : IO10 #5 Input 1 27 : IO10 #5 Input 2 28 : IO10 #5 Input 3 29 : IO10 #5 Input 4 30 : IO10 #6 Input 1 31 : IO10 #6 Input 2 32 : IO10 #6 Input 3 33 : IO10 #6 Input 4 255 : Not used	-	U8
29012	0x7154	1	LED X Output report index 0 : Internal Output 1 1 : Internal Output 2 2 : Internal Output 3 3 : Internal Output 4	-	U8

			4 : Internal Output 5 5 : Internal Output 6 10 : IO10 #1 Output 1 11 : IO10 #1 Output 2 12 : IO10 #2 Output 1 13 : IO10 #2 Output 2 14 : IO10 #3 Output 1 15 : IO10 #3 Output 2 16 : IO10 #4 Output 1 17 : IO10 #4 Output 2 18 : IO10 #5 Output 1 19 : IO10 #5 Output 2 20 : IO10 #6 Output 1 21 : IO10 #6 Output 2 255 : Not used		
29013	0x7155	1	LED Y Function 0 : None 1 : Always ON 2 : Touchbutton response 3 : Communication over RS LED 4 : Engine Exerciser Active 5 : Input state report 6 : Output state report 7 : NOT IN AUTO 8 : Inhibit 9 : Load Shedding Active 10 : Genset Cooling down 11 : Elevator Active 12 : Transfer In Progress	-	U8
29014	0x7156	1	LED Y Color 0 : Blue 1 : Yellow	-	U8
29015	0x7157	1	LED Y Behavior 0 : Stable ON 1 : Blink	-	U8
29016	0x7158	1	LED Y Input report index 0 : Internal Input 1 1 : Internal Input 2 2 : Internal Input 3 3 : Internal Input 4 4 : Internal Input 5 5 : Internal Input 6 10 : IO10 #1 Input 1 11 : IO10 #1 Input 2 12 : IO10 #1 Input 3 13 : IO10 #1 Input 4 14 : IO10 #2 Input 1 15 : IO10 #2 Input 2 16 : IO10 #2 Input 3 17 : IO10 #2 Input 4 18 : IO10 #3 Input 1 19 : IO10 #3 Input 2 20 : IO10 #3 Input 3 21 : IO10 #3 Input 4 22 : IO10 #4 Input 1 23 : IO10 #4 Input 2 24 : IO10 #4 Input 3 25 : IO10 #4 Input 4 26 : IO10 #5 Input 1 27 : IO10 #5 Input 2 28 : IO10 #5 Input 3 29 : IO10 #5 Input 4 30 : IO10 #6 Input 1 31 : IO10 #6 Input 2 32 : IO10 #6 Input 3 33 : IO10 #6 Input 4 255 : Not used	-	U8
29017	0x7159	1	LED Y Output report index 0 : Internal Output 1 1 : Internal Output 2 2 : Internal Output 3 3 : Internal Output 4 4 : Internal Output 5 5 : Internal Output 6 10 : IO10 #1 Output 1 11 : IO10 #1 Output 2 12 : IO10 #2 Output 1 13 : IO10 #2 Output 2 14 : IO10 #3 Output 1 15 : IO10 #3 Output 2 16 : IO10 #4 Output 1 17 : IO10 #4 Output 2 18 : IO10 #5 Output 1 19 : IO10 #5 Output 2 20 : IO10 #6 Output 1	-	U8

			21 : IO10 #6 Output 2 255 : Not used		
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Settings for DGW

Digiware Mode

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
59648	0xE900	Settings	2	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
59648	0xE900	1	Digiware Samples Mode 0 : Automatic detection 1 : Samples Master 2 : Samples Slave	-	U8
59649	0xE901	1	Digiware Modbus Mode 0 : Modbus Slave 1 : Modbus Master	-	U8

Modbus slave connection settings over Digiware

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57349	0xE005	Settings	3	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
57349	0xE005	1	Baudrate : 0 : 1200 1 : 2400 2 : 4800 3 : 9600 4 : 19200 5 : 38400 6 : 57600 7 : 115200	-	U8
57350	0xE006	1	Stop bit : 0 : 1 1 : 2	-	U8
57351	0xE007	1	Parity : 0 : None 1 : Odd 2 : Even	-	U8

Power measurement settings for DGW slaves

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
8704	0x2200	Settings	7	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
8704	0x2200	1	Integration time for instantaneous	s / 5	U16
8705	0x2201	1	Integration time for average	min	U16
8706	0x2202	1	Compute method for reactive and apparent powers : 0 : Arithmetic 1 : Vector	-	U16
8707	0x2203	1	THD type : 0 : THD (fundamental) 1 : thd (RMS)	-	U16
8708	0x2204	1	THD method : 0 : Total 1 : Spectrum	-	U16
8709	0x2205	1	THD spectrum limit : 0 : Rank 40 1 : Rank 63	-	U16

8710	0x2206	1	PF convention 0 : IEC 1 : IEEE	-	U16
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External top synchro

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
34896	0x8850	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
34896	0x8850	1	Top synchro command 1 : Send top synchro	-	U16

Trend settings for DGW slaves

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
8720	0x2210	Settings	54	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
8720	0x2210	2	ServiceID item 1 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8722	0x2212	1	Occurence item 1 0 : Load 1 1 : Load 2 2 : Load 3	-	U8

			3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined		
8723	0x2213	2	ServiceID item 2 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8725	0x2215	1	Occurence item 2 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8726	0x2216	2	ServiceID item 3 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1	-	U32

			80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8728	0x2218	1	Occurence item 3 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8729	0x2219	2	ServiceID item 4 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12	-	U32

			110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8731	0x221B	1	Occurence item 4 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8732	0x221C	2	ServiceID item 5 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8734	0x221E	1	Occurence item 5 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8735	0x221F	2	ServiceID item 6 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum	-	U32

			75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8737	0x2221	1	Occurrence item 6 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8738	0x2222	2	ServiceID item 7 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In	-	U32

			100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8740	0x2224	1	Occurrence item 7 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8741	0x2225	2	ServiceID item 8 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8743	0x2227	1	Occurrence item 8 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8744	0x2228	2	ServiceID item 9 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3	-	U32

			10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8746	0x222A	1	Occurrence item 9 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8747	0x222B	2	ServiceID item 10 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1	-	U32

			100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8749	0x222D	1	Occurence item 10 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8750	0x222E	2	ServiceID item 11 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8752	0x2230	1	Occurence item 11 0 : Load 1 1 : Load 2 2 : Load 3	-	U8

			3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined		
8753	0x2231	2	ServiceID item 12 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8755	0x2233	1	Occurence item 12 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8756	0x2234	2	ServiceID item 13 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1	-	U32

			80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8758	0x2236	1	Occurence item 13 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8759	0x2237	2	ServiceID item 14 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12	-	U32

			110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8761	0x2239	1	Occurrence item 14 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8762	0x223A	2	ServiceID item 15 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8764	0x223C	1	Occurrence item 15 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8765	0x223D	2	ServiceID item 16 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum	-	U32

			75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8767	0x223F	1	Occurrence item 16 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8768	0x2240	2	ServiceID item 17 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In	-	U32

			100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined		
8770	0x2242	1	Occurrence item 17 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8
8771	0x2243	2	ServiceID item 18 10023 : Avg. I1 10024 : Avg. I2 10025 : Avg. I3 10026 : Avg. In 10027 : Avg. Isys 10033 : Avg. Iunb 10175 : Avg. Inba 40015 : Avg. F (Network) 75008 : Avg. PF1 75009 : Avg. PF2 75010 : Avg. PF3 75011 : Avg. PFSum 75012 : Avg. PF1 type 75013 : Avg. PF2 type 75014 : Avg. PF3 type 75015 : Avg. PFSum type 80028 : Avg. P1 80029 : Avg. P2 80030 : Avg. P3 80031 : Avg. PSum 80032 : Avg. Q1 80033 : Avg. Q2 80034 : Avg. Q3 80035 : Avg. QSum 80044 : Avg. S1 80045 : Avg. S2 80046 : Avg. S3 80047 : Avg. SSum 100000 : Ph-N Voltage total harmonic distortion : THD V1 100001 : Ph-N Voltage total harmonic distortion : THD V2 100002 : Ph-N Voltage total harmonic distortion : THD V3 100003 : Ph-Ph Voltage total harmonic distortion : THD U12 100004 : Ph-Ph Voltage total harmonic distortion : THD U23 100005 : Ph-Ph Voltage total harmonic distortion : THD U31 100006 : Curent total harmonic distortion : THD I1 100007 : Curent total harmonic distortion : THD I2 100008 : Curent total harmonic distortion : THD I3 100009 : Curent total harmonic distortion : THD In 100060 : THD V system 100061 : THD U system 100062 : THD I system 110030 : Avg. V1 110031 : Avg. V2 110032 : Avg. V3 110033 : Avg. Vn 110034 : Avg. Vsys 110035 : Avg. U12 110036 : Avg. U23 110037 : Avg. U31 110038 : Avg. Usys 4294967295 : Not defined	-	U32
8773	0x2245	1	Occurrence item 18 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U8

Load Curves Settings for DGW slaves

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Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10240	0x2800	Settings	40	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
10240	0x2800	1	Integration time for load curve 1 : 1 Minute 2 : 2 Minutes 3 : 3 Minutes 4 : 4 Minutes 5 : 5 Minutes 6 : 6 Minutes 10 : 10 Minutes 12 : 12 Minutes 15 : 15 Minutes 20 : 20 Minutes 30 : 30 Minutes 60 : 60 Minutes	min	U16
10241	0x2801	1	Load curve top synchro source : 0 : Internal RTC 2 : Top synchro Com	-	U16
10242	0x2802	1	Load selected for metrological LED: 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 254 : Sum of all loads	-	U16
10243	0x2803	1	Energy associated to metrological LED: 0 : Positive active energy Ea+ 1 : Negative active energy Ea- 2 : Positive reactive energy Er+ 3 : Negative reactive energy Er- 4 : Apparent energy Eap	-	U16
10244	0x2804	1	Load curve point data 1 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10245	0x2805	1	Load curve point data 1 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10246	0x2806	1	Load curve point data 2 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10247	0x2807	1	Load curve point data 2 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10248	0x2808	1	Load curve point data 3 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10249	0x2809	1	Load curve point data 3 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16

10250	0x280A	1	Load curve point data 4 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10251	0x280B	1	Load curve point data 4 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10252	0x280C	1	Load curve point data 5 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10253	0x280D	1	Load curve point data 5 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10254	0x280E	1	Load curve point data 6 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10255	0x280F	1	Load curve point data 6 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10256	0x2810	1	Load curve point data 7 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10257	0x2811	1	Load curve point data 7 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10258	0x2812	1	Load curve point data 8 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10259	0x2813	1	Load curve point data 8 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10260	0x2814	1	Load curve point data 9 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16

10261	0x2815	1	Load curve point data 9 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10262	0x2816	1	Load curve point data 10 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10263	0x2817	1	Load curve point data 10 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10264	0x2818	1	Load curve point data 11 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10265	0x2819	1	Load curve point data 11 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10266	0x281A	1	Load curve point data 12 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10267	0x281B	1	Load curve point data 12 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10268	0x281C	1	Load curve point data 13 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10269	0x281D	1	Load curve point data 13 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10270	0x281E	1	Load curve point data 14 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10271	0x281F	1	Load curve point data 14 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16

10272	0x2820	1	Load curve point data 15 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10273	0x2821	1	Load curve point data 15 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10274	0x2822	1	Load curve point data 16 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10275	0x2823	1	Load curve point data 16 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10276	0x2824	1	Load curve point data 17 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10277	0x2825	1	Load curve point data 17 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16
10278	0x2826	1	Load curve point data 18 associated load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 4 : Load 5 5 : Load 6 255 : Undefined	-	U16
10279	0x2827	1	Load curve point data 18 associated power 0 : P+ 1 : P- 2 : Q+ 3 : Q- 4 : S 5 : Unused	-	U16

Alarms

Analog-Maintenance

ALM Ana Maint Settings #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4368	0x1110	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4368	0x1110	1	Status : 0 : Disabled 1 : Enabled	-	U8
4369	0x1111	1		-	U8

			Criticality : 0 : Information 1 : Warning 2 : Critical		
4370	0x1112	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4371	0x1113	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4372	0x1114	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4373	0x1115	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type	-	U32

			75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4375	0x1117	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4376	0x1118	1	Reserved	-	-
4377	0x1119	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4378	0x111A	2	High threshold	-	S32
4380	0x111C	2	Low threshold	-	S32
4382	0x111E	1	Hysteresis	% / 10	U16
4383	0x111F	1	Startup delay	s / 2	U16
4384	0x1120	1	Dropout delay	s / 2	U16
4385	0x1121	16	Name	-	STRING_NORM

ALM Ana Maint Settings #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4401	0x1131	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4401	0x1131	1	Status : 0 : Disabled 1 : Enabled	-	U8
4402	0x1132	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4403	0x1133	1	Input for ack 0 : Input 1 1 : Input 2	-	U8

			2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
4404	0x1134	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4405	0x1135	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4406	0x1136	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1	-	U32

			80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4408	0x1138	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4409	0x1139	1	Reserved	-	-
4410	0x113A	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4411	0x113B	2	High threshold	-	S32
4413	0x113D	2	Low threshold	-	S32
4415	0x113F	1	Hysteresis	% / 10	U16
4416	0x1140	1	Startup delay	s / 2	U16
4417	0x1141	1	Dropout delay	s / 2	U16
4418	0x1142	16	Name	-	STRING_NORM

ALM Ana Maint Settings #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4434	0x1152	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4434	0x1152	1	Status : 0 : Disabled 1 : Enabled	-	U8
4435	0x1153	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4436	0x1154	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4	-	U8

			14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
4437	0x1155	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4438	0x1156	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4439	0x1157	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load)	-	U32

			110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4441	0x1159	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4442	0x115A	1	Reserved	-	-
4443	0x115B	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4444	0x115C	2	High threshold	-	S32
4446	0x115E	2	Low threshold	-	S32
4448	0x1160	1	Hysteresis	% / 10	U16
4449	0x1161	1	Startup delay	s / 2	U16
4450	0x1162	1	Dropout delay	s / 2	U16
4451	0x1163	16	Name	-	STRING_NORM

ALM Ana Maint Settings #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4467	0x1173	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4467	0x1173	1	Status : 0 : Disabled 1 : Enabled	-	U8
4468	0x1174	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4469	0x1175	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4	-	U8

			22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
4470	0x1176	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4471	0x1177	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4472	0x1178	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load)	-	U32

			110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4474	0x117A	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4475	0x117B	1	Reserved	-	-
4476	0x117C	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4477	0x117D	2	High threshold	-	S32
4479	0x117F	2	Low threshold	-	S32
4481	0x1181	1	Hysteresis	% / 10	U16
4482	0x1182	1	Startup delay	s / 2	U16
4483	0x1183	1	Dropout delay	s / 2	U16
4484	0x1184	16	Name	-	STRING_NORM

ALM Ana Maint Settings #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4500	0x1194	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4500	0x1194	1	Status : 0 : Disabled 1 : Enabled	-	U8
4501	0x1195	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4502	0x1196	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4	-	U8

			30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
4503	0x1197	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4504	0x1198	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4505	0x1199	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source)	-	U32

			110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4507	0x119B	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4508	0x119C	1	Reserved	-	-
4509	0x119D	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4510	0x119E	2	High threshold	-	S32
4512	0x11A0	2	Low threshold	-	S32
4514	0x11A2	1	Hysteresis	% / 10	U16
4515	0x11A3	1	Startup delay	s / 2	U16
4516	0x11A4	1	Dropout delay	s / 2	U16
4517	0x11A5	16	Name	-	STRING_NORM

ALM Ana Maint Settings #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4533	0x11B5	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4533	0x11B5	1	Status : 0 : Disabled 1 : Enabled	-	U8
4534	0x11B6	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4535	0x11B7	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4536	0x11B8	1	Acknowledgement method : 0 : None	-	U8

			1 : MODBUS only 2 : Logical input		
4537	0x11B9	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4538	0x11BA	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter	-	U32

			5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4540	0x11BC	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4541	0x11BD	1	Reserved	-	-
4542	0x11BE	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4543	0x11BF	2	High threshold	-	S32
4545	0x11C1	2	Low threshold	-	S32
4547	0x11C3	1	Hysteresis	% / 10	U16
4548	0x11C4	1	Startup delay	s / 2	U16
4549	0x11C5	1	Dropout delay	s / 2	U16
4550	0x11C6	16	Name	-	STRING_NORM

ALM Ana Maint Settings #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4566	0x11D6	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4566	0x11D6	1	Status : 0 : Disabled 1 : Enabled	-	U8
4567	0x11D7	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4568	0x11D8	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4569	0x11D9	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4570	0x11DA	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4	-	U8

			4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used		
4571	0x11DB	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection	-	U32
4573	0x11DD	1		-	U16

			Analog variable (Instance index) 0 : Source 1 1 : Source 2		
4574	0x11DE	1	Reserved	-	-
4575	0x11DF	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4576	0x11E0	2	High threshold	-	S32
4578	0x11E2	2	Low threshold	-	S32
4580	0x11E4	1	Hysteresis	% / 10	U16
4581	0x11E5	1	Startup delay	s / 2	U16
4582	0x11E6	1	Dropout delay	s / 2	U16
4583	0x11E7	16	Name	-	STRING_NORM

ALM Ana Maint Settings #8

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4599	0x11F7	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4599	0x11F7	1	Status : 0 : Disabled 1 : Enabled	-	U8
4600	0x11F8	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4601	0x11F9	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4602	0x11FA	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4603	0x11FB	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2	-	U8

			14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used		
4604	0x11FC	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection	-	U32
4606	0x11FE	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4607	0x11FF	1	Reserved	-	-
4608	0x1200	1	Variable data access : 0 : Single 1 : Triple (logical AND)	-	U8

			2 : Triple (logical OR) 3 : Maintenance		
4609	0x1201	2	High threshold	-	S32
4611	0x1203	2	Low threshold	-	S32
4613	0x1205	1	Hysteresis	% / 10	U16
4614	0x1206	1	Startup delay	s / 2	U16
4615	0x1207	1	Dropout delay	s / 2	U16
4616	0x1208	16	Name	-	STRING_NORM

ALM Ana Maint Settings #9

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4632	0x1218	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4632	0x1218	1	Status : 0 : Disabled 1 : Enabled	-	U8
4633	0x1219	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4634	0x121A	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4635	0x121B	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4636	0x121C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1	-	U8

			21 : IO10 #6 Out 2 255 : Not used		
4637	0x121D	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys 10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection	-	U32
4639	0x121F	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4640	0x1220	1	Reserved	-	-
4641	0x1221	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4642	0x1222	2	High threshold	-	S32
4644	0x1224	2	Low threshold	-	S32
4646	0x1226	1	Hysteresis	% / 10	U16
4647	0x1227	1	Startup delay	s / 2	U16

4648	0x1228	1	Dropout delay	s / 2	U16
4649	0x1229	16	Name	-	STRING_NORM

ALM Ana Maint Settings #10

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
4665	0x1239	Settings	33	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
4665	0x1239	1	Status : 0 : Disabled 1 : Enabled	-	U8
4666	0x123A	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
4667	0x123B	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
4668	0x123C	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
4669	0x123D	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
4670	0x123E	2	Analog variable (ServiceID) 10000 : I1 10001 : I2 10002 : I3 10003 : In 10004 : Isys	-	U32

			10010 : Iunb 10174 : Inba 30018 : Partial Ea+ (Load) 30020 : Partial Ea- (Load) 30022 : Partial Er+ (Load) 30024 : Partial Er- (Load) 30034 : Partial Es (Load) 30621 : Partial Ea+ (by Source) 30623 : Partial Ea- (by Source) 30625 : Partial Er+ (by Source) 30627 : Partial Er- (by Source) 30629 : Partial Es (by Source) 40000 : F (Load) 40014 : F (by Source) 75000 : PF1 75001 : PF2 75002 : PF3 75003 : PFSum 75004 : PF1 Type 75005 : PF2 Type 75006 : PF3 Type 75007 : PFSum Type 80000 : P1 80001 : P2 80002 : P3 80003 : PSum 80004 : Q1 80005 : Q2 80006 : Q3 80007 : QSum 80016 : S1 80017 : S2 80018 : S3 80019 : SSum 110000 : V1 (Load) 110001 : V2 (Load) 110002 : V3 (Load) 110003 : Vn (Load) 110004 : Vsys (Load) 110005 : U12 (Load) 110006 : U23 (Load) 110007 : U31 (Load) 110008 : Usys (Load) 110012 : Vunb (by Source) 110015 : Uunb (by Source) 110228 : V1 (by Source) 110229 : V2 (by Source) 110230 : V3 (by Source) 110231 : Vn (by Source) 110232 : Vsys (by Source) 110233 : U12 (by Source) 110234 : U23 (by Source) 110235 : U31 (by Source) 110236 : Usys (by Source) 110348 : Vnba (by Source) 110349 : Unba (by Source) 5206 : Total Cycle Counter 5415 : Total Switch Counter 5434 : Genset S1 Activation Time 5435 : Genset S2 Activation Time 5436 : Genset S1 On Load Time 5437 : Genset S2 On Load Time 156094 : Time since last inspection		
4672	0x1240	1	Analog variable (Instance index) 0 : Source 1 1 : Source 2	-	U16
4673	0x1241	1	Reserved	-	-
4674	0x1242	1	Variable data access : 0 : Single 1 : Triple (logical AND) 2 : Triple (logical OR) 3 : Maintenance	-	U8
4675	0x1243	2	High threshold	-	S32
4677	0x1245	2	Low threshold	-	S32
4679	0x1247	1	Hysteresis	% / 10	U16
4680	0x1248	1	Startup delay	s / 2	U16
4681	0x1249	1	Dropout delay	s / 2	U16
4682	0x124A	16	Name	-	STRING_NORM

Combination

ALM Comb Settings #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6144	0x1800	Settings	26	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6144	0x1800	1	Status 0 : Disabled 1 : Enabled	-	U8
6145	0x1801	1	Criticality 0 : Information 1 : Warning 2 : Critical	-	U8
6146	0x1802	1	Acknowledgement method 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6147	0x1803	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6148	0x1804	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6149	0x1805	1	Alarm 1 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6150	0x1806	1	Alarm 1 (index)	-	U16
6151	0x1807	1	Alarm 2 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8

6152	0x1808	1	Alarm 2 (index)	-	U16
6153	0x1809	1	Operation 0 : AND 1 : OR	-	U8
6154	0x180A	16	Name	-	STRING_NORM

ALM Comb Settings #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6170	0x181A	Settings	26	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6170	0x181A	1	Status 0 : Disabled 1 : Enabled	-	U8
6171	0x181B	1	Criticality 0 : Information 1 : Warning 2 : Critical	-	U8
6172	0x181C	1	Acknowledgement method 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6173	0x181D	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6174	0x181E	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6175	0x181F	1	Alarm 1 (type) 0 : Analog	-	U8

			1 : Logical 2 : Combi		
6176	0x1820	1	Alarm 1 (index)	-	U16
6177	0x1821	1	Alarm 2 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6178	0x1822	1	Alarm 2 (index)	-	U16
6179	0x1823	1	Operation 0 : AND 1 : OR	-	U8
6180	0x1824	16	Name	-	STRING_NORM

ALM Comb Settings #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6196	0x1834	Settings	26	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6196	0x1834	1	Status 0 : Disabled 1 : Enabled	-	U8
6197	0x1835	1	Criticality 0 : Information 1 : Warning 2 : Critical	-	U8
6198	0x1836	1	Acknowledgement method 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6199	0x1837	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6200	0x1838	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2	-	U8

			18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used		
6201	0x1839	1	Alarm 1 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6202	0x183A	1	Alarm 1 (index)	-	U16
6203	0x183B	1	Alarm 2 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6204	0x183C	1	Alarm 2 (index)	-	U16
6205	0x183D	1	Operation 0 : AND 1 : OR	-	U8
6206	0x183E	16	Name	-	STRING_NORM

ALM Comb Settings #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6222	0x184E	Settings	26	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6222	0x184E	1	Status 0 : Disabled 1 : Enabled	-	U8
6223	0x184F	1	Criticality 0 : Information 1 : Warning 2 : Critical	-	U8
6224	0x1850	1	Acknowledgement method 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6225	0x1851	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6226	0x1852	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1	-	U8

			11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used		
6227	0x1853	1	Alarm 1 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6228	0x1854	1	Alarm 1 (index)	-	U16
6229	0x1855	1	Alarm 2 (type) 0 : Analog 1 : Logical 2 : Combi	-	U8
6230	0x1856	1	Alarm 2 (index)	-	U16
6231	0x1857	1	Operation 0 : AND 1 : OR	-	U8
6232	0x1858	16	Name	-	STRING_NORM

Logical

ALM Log Settings #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5632	0x1600	Settings	24	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
5632	0x1600	1	Status : 0 : Disabled 1 : Enabled	-	U8
5633	0x1601	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5634	0x1602	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
5635	0x1603	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2	-	U8

			32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
5636	0x1604	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
5637	0x1605	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5638	0x1606	1	Startup delay	s / 2	U16
5639	0x1607	1	Dropout delay	s / 2	U16
5640	0x1608	16	Name	-	STRING_NORM

ALM Log Settings #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5656	0x1618	Settings	24	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
5656	0x1618	1	Status : 0 : Disabled 1 : Enabled	-	U8
5657	0x1619	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5658	0x161A	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
5659	0x161B	1		-	U8

			Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
5660	0x161C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
5661	0x161D	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5662	0x161E	1	Startup delay	s / 2	U16

5663	0x161F	1	Dropout delay	s / 2	U16
5664	0x1620	16	Name	-	STRING_NORM

ALM Log Settings #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5680	0x1630	Settings	24	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
5680	0x1630	1	Status : 0 : Disabled 1 : Enabled	-	U8
5681	0x1631	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5682	0x1632	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
5683	0x1633	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5684	0x1634	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
5685	0x1635	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5	-	U8

			5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used		
5686	0x1636	1	Startup delay	s / 2	U16
5687	0x1637	1	Dropout delay	s / 2	U16
5688	0x1638	16	Name	-	STRING_NORM

ALM Log Settings #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
5704	0x1648	Settings	24	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
5704	0x1648	1	Status : 0 : Disabled 1 : Enabled	-	U8
5705	0x1649	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
5706	0x164A	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
5707	0x164B	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3	-	U8

			33 : IO10 #6 In 4 255 : Not used		
5708	0x164C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
5709	0x164D	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
5710	0x164E	1	Startup delay	s / 2	U16
5711	0x164F	1	Dropout delay	s / 2	U16
5712	0x1650	16	Name	-	STRING_NORM

System

ALM Sys Settings #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6656	0x1A00	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6656	0x1A00	1	Status : 0 : Disabled 1 : Enabled	-	U8
6657	0x1A01	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6658	0x1A02	1	Acknowledgement method : 0 : None	-	U8

			1 : MODBUS only 2 : Logical input		
6659	0x1A03	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6660	0x1A04	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6661	0x1A05	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6662	0x1A06	1	Startup delay	s / 2	U16
6663	0x1A07	1	Dropout delay	s / 2	U16

ALM Sys Settings #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6664	0x1A08	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6664	0x1A08	1	Status : 0 : Disabled 1 : Enabled	-	U8
6665	0x1A09	1	Criticality : 0 : Information	-	U8

			1 : Warning 2 : Critical		
6666	0x1A0A	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6667	0x1A0B	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6668	0x1A0C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6669	0x1A0D	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6670	0x1A0E	1	Startup delay	s / 2	U16
6671	0x1A0F	1	Dropout delay	s / 2	U16

ALM Sys Settings #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6672	0x1A10	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6672	0x1A10	1		-	U8

			Status : 0 : Disabled 1 : Enabled		
6673	0x1A11	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6674	0x1A12	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6675	0x1A13	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6676	0x1A14	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6677	0x1A15	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6678	0x1A16	1	Startup delay	s / 2	U16
6679	0x1A17	1	Dropout delay	s / 2	U16

ALM Sys Settings #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6680	0x1A18	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6680	0x1A18	1	Status : 0 : Disabled 1 : Enabled	-	U8
6681	0x1A19	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6682	0x1A1A	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6683	0x1A1B	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6684	0x1A1C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6685	0x1A1D	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6686	0x1A1E	1	Startup delay	s / 2	U16
6687	0x1A1F	1	Dropout delay	s / 2	U16

ALM Sys Settings #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts

6688	0x1A20	Settings	8	USER	READ	READ WRITE WRITE_MANY
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Dec address	Hex address	Words count	Description	Unit	Data type
6688	0x1A20	1	Status : 0 : Disabled 1 : Enabled	-	U8
6689	0x1A21	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6690	0x1A22	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6691	0x1A23	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6692	0x1A24	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6693	0x1A25	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6694	0x1A26	1	Startup delay	s / 2	U16
6695	0x1A27	1	Dropout delay	s / 2	U16

ALM Sys Settings #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6696	0x1A28	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6696	0x1A28	1	Status : 0 : Disabled 1 : Enabled	-	U8
6697	0x1A29	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6698	0x1A2A	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6699	0x1A2B	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6700	0x1A2C	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6701	0x1A2D	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied 9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds	-	U8
6702	0x1A2E	1	Startup delay	s / 2	U16

6703	0x1A2F	1	Dropout delay	s / 2	U16
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ALM Sys Settings #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6704	0x1A30	Settings	8	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
6704	0x1A30	1	Status : 0 : Disabled 1 : Enabled	-	U8
6705	0x1A31	1	Criticality : 0 : Information 1 : Warning 2 : Critical	-	U8
6706	0x1A32	1	Acknowledgement method : 0 : None 1 : MODBUS only 2 : Logical input	-	U8
6707	0x1A33	1	Input for ack 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 10 : IO10 #1 In 1 11 : IO10 #1 In 2 12 : IO10 #1 In 3 13 : IO10 #1 In 4 14 : IO10 #2 In 1 15 : IO10 #2 In 2 16 : IO10 #2 In 3 17 : IO10 #2 In 4 18 : IO10 #3 In 1 19 : IO10 #3 In 2 20 : IO10 #3 In 3 21 : IO10 #3 In 4 22 : IO10 #4 In 1 23 : IO10 #4 In 2 24 : IO10 #4 In 3 25 : IO10 #4 In 4 26 : IO10 #5 In 1 27 : IO10 #5 In 2 28 : IO10 #5 In 3 29 : IO10 #5 In 4 30 : IO10 #6 In 1 31 : IO10 #6 In 2 32 : IO10 #6 In 3 33 : IO10 #6 In 4 255 : Not used	-	U8
6708	0x1A34	1	Output for report 0 : Output 1 1 : Output 2 2 : Output 3 3 : Output 4 4 : Output 5 5 : Output 6 10 : IO10 #1 Out 1 11 : IO10 #1 Out 2 12 : IO10 #2 Out 1 13 : IO10 #2 Out 2 14 : IO10 #3 Out 1 15 : IO10 #3 Out 2 16 : IO10 #4 Out 1 17 : IO10 #4 Out 2 18 : IO10 #5 Out 1 19 : IO10 #5 Out 2 20 : IO10 #6 Out 1 21 : IO10 #6 Out 2 255 : Not used	-	U8
6709	0x1A35	1	Alarm Type 0 : None 1 : Net Rotation 20 : External Alarm 21 : I/O Connection Failure 22 : Controller Unavailable 23 : Load Not Supplied	-	U8

			9 : RTC Low Battery 24 : DC Aux. Supply Out Of Bounds		
6710	0x1A36	1	Startup delay	s / 2	U16
6711	0x1A37	1	Dropout delay	s / 2	U16

Maintenance informations

Maintenance_Table

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
7680	0x1E00	Settings	36	USER	READ	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
7680	0x1E00	16	Product Name	-	STRING_NORM
7696	0x1E10	16	Maintenance Phone Number	-	STRING_NORM
7712	0x1E20	2	Last Inspection Date	-	DATETIME
7714	0x1E22	1	Max Number of Password Attempts	-	U8
7715	0x1E23	1	Timeout after wrong password	min	U8

Commands

Commands

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21760	0x5500	Commands	5	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
21760	0x5500	1	Set Command / Alarm 0x01 : Set Manual Retransfer (By Keyboard) 0x02 : Clear TOF (By Keyboard) 0x03 : Set TOF (By Keyboard) 0x04 : Set TON (By Keyboard) 0x05 : Set EOF (By input) 0x06 : Set EON (By input) 0x07 : Clear EOF (By input) 0x08 : Clear EON (By input) 0x0A : Clear TON (By Keyboard) 0x10 : Clear Faults (By input) 0x15 : Set EST Reset (By keyboard)	-	U8_HEX
21761	0x5501	1	Set Operating Mode 0x0010 : Auto Mode 0x0020 : Manu Mode 0x0040 : Inhibit Mode	-	U16_HEX
21762	0x5502	1	Set Priority 0 : Network 1 : Source 1 2 : Source 2	-	U8
21763	0x5503	1	Set Position 1 : Position in Zero 2 : Position in 1 3 : Position in 2	-	U8
21764	0x5504	1	Set Genset Start Order 0 : GS1 start 1 : GS1 stop 2 : GS2 start 3 : GS2 stop	-	U8

Network Autodetection

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
12368	0x3050	Commands	1	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
12368	0x3050	1	Autodetect network 0 : No action 1 : Start Autodetection	-	U8

Auto detection commands

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
14080	0x3700	Commands	5	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
14080	0x3700	1	Automatic process 0 : None 1 : Start 2 : Stop	-	U8
14081	0x3701	1	Scan process 0 : None 1 : Start 2 : Stop	-	U8
14082	0x3702	1	Addressing process 0 : None 1 : Start 2 : Stop	-	U8
14083	0x3703	1	Serial number detection process 0 : None 1 : Start 2 : Stop	-	U8
14084	0x3704	1	Topology 0 : None 1 : Write 2 : Erase	-	U8

ALM Acknowledgment

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
6912	0x1B00	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
6912	0x1B00	1	Ack ID	-	U16

System

Action system (Write Function only)

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57856	0xE200	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
57856	0xE200	1	Action : 0xA1 : Product Configuration storage 0xB2 : Product reset 0xE5 : Restore factory settings	-	U8_HEX

Lock system

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
58112	0xE300	Settings	2	NONE	READ WRITE WRITE_MANY	READ WRITE WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
58112	0xE300	1	Code to submit	-	U16

58113	0xE301	1	Delocker ID	-	U16
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USB function (Write Function only)

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
57872	0xE210	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
57872	0xE210	1	USB function : 0x01 : DFU 0x02 : PCL 0x03 : Mass storage	-	U8_HEX

Maintenance

Partial operating hours counter reset

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
528	0x0210	Commands	1	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
528	0x0210	1	Reset command 0 : Reset	-	U16

Reset counter and time meters

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23376	0x5B50	Commands	3	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
23376	0x5B50	1	Reset switch counters 0 : No action 1 : Reset	-	U8
23377	0x5B51	1	Reset partial time on position counters 0 : No action 1 : Reset	-	U8
23378	0x5B52	1	Reset Genset counters 0 : No action 1 : Reset	-	U8

Energy partial meters reset

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20096	0x4E80	Commands	1	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
20096	0x4E80	1	Partial energy meters reset 0x003F : All	-	U16_HEX

Reset histo

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
544	0x0220	Commands	1	USER	NONE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
544	0x0220	1		-	U16

			Action		
			0 : No action		
			1 : Reset alarms history		
			4 : Reset events history		