General	Application

General

Identification

Product identification

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 : "SOCOMEC")	-	STRING_NORM
50050	0xC382	8	Product name (EX : "PMD EE")	-	STRING_NORM
50058	0xC38A	8	Extended name	-	STRING_NORM
50066	0xC392	1	Ressource version (Build 2)	-	U16
50067	0xC393	2	Net ID	-	U32_HEX

Option Module identification

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
49936	0xC310	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
49936	0xC310	1	Option module ID on slot 1: 0 : Com Option 1 : Log IO Option 2 : Analog IO Option 3 : Temp Option 4 : None	-	U8
49937	0xC311	1	Option module ID on slot 2: 0 : Com Option 1 : Log IO Option 2 : Analog IO Option 3 : Tem Option 4 : None	-	U8
49938	0xC312	1	Option module ID on slot 3: 0 : Com Option 1 : Log IO Option 2 : Analog IO Option 3 : Tem Option 4 : None	-	U8
49939	0xC313	1	Option module ID on slot 4: 0 : Com Option 1 : Log IO Option 2 : Analog IO Option 3 : Tem Option 4 : None	-	U8

RF identification

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
49968	0xC330	Info	17	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
49968	0xC330	16	Serial number	-	STRING_NORM
49984	0xC340	1	RF board connected 0 : Not connected 1 : Connected	-	U16

Maintenance

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

Application

Measurement

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

Load curves

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
34912	0x8860	Command	3	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
34912	0x8860	1	Start record number (0 to 65534) or 65535 for last record	-	U16
34913	0x8861	1	Load number: 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4	-	U16
34914	0x8862	1	Power type: 0 : P_pos - Positive active power 1 : P_neg - Negative active power 2 : Q_pos - Positive reactive power 3 : Q_neg - Negative reactive power 4 : S - Apparent power	-	U16

Header

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
34928	0x8870	Header	8	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
34928	0x8870	1	Next record number	-	U16
34929	0x8871	1	Items count (24 per record)	-	U16
34930	0x8872	1	Item size	-	U16
34931	0x8873	1	Load number: 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4	-	U16
34932	0x8874	1	Power type: 0 : P_pos - Positive active power (W) 1 : P_neg - Negative active power (W) 2 : Q_pos - Positive reactive power (var) 3 : Q_neg - Negative reactive power (var) 4 : S - Apparent power (VA)	-	U16
34933	0x8875	1	Integration period duration	s	U16
34934	0x8876	1	Numerator rate	-	U16
34935	0x8877	1	Denominator rate	-	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
34936	0x8878	Data	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
34936	0x8878	2	Date	s	DATETIME
34938	0x887A	1	Flags: 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
34939	0x887B	1	Point value	min	U16

Loads

Inst. measurement - Load #1

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 / 100	U32
18438	0x4806	2	System Ph-Ph Voltage	V / 100	U32
18440	0x4808	2	System Current	A / 1000	U32
18442	0x480A	2	Frequency	Hz / 1000	U32
18444	0x480C	2	Ph-N Voltage : V1	V / 100	U32
18446	0x480E	2	Ph-N Voltage : V2	V / 100	U32
18448	0x4810	2	Ph-N Voltage : V3	V / 100	U32
18450	0x4812	2	Ph-N Voltage : Vn	V / 100	U32
18452	0x4814	2	Ph-Ph Voltage : U12	V / 100	U32
18454	0x4816	2	Ph-Ph Voltage : U23	V / 100	U32
18456	0x4818	2	Ph-Ph Voltage : U31	V / 100	U32
18458	0x481A	2	Current : I1	A / 1000	U32
18460	0x481C	2	Current : I2	A / 1000	U32
18462	0x481E	2	Current : I3	A / 1000	U32
18464	0x4820	2	Current : In	A / 1000	U32
18466	0x4822	1	Inba	% / 100	U16
18467	0x4823	2	Idir	A / 1000	U32
18469	0x4825	2	Iinv	A / 1000	U32
18471	0x4827	2	Ihom	A / 1000	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

Dec address	Hex address	Words count	Description	Unit	Data type
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

Inst. measurement - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20480	0x5000	Info	92	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20480	0x5000	1	Load status 0 : Disabled 1 : Enabled	-	U8
20481	0x5001	2	Date of last instance	s	DATETIME
20483	0x5003	1	Integration time	s / 5	U16
20484	0x5004	2	System Ph-N Voltage	V / 100	U32
20486	0x5006	2	System Ph-Ph Voltage	V / 100	U32
20488	0x5008	2	System Current	A / 1000	U32
20490	0x500A	2	Frequency	Hz / 1000	U32
20492	0x500C	2	Ph-N Voltage : V1	V / 100	U32
20494	0x500E	2	Ph-N Voltage : V2	V / 100	U32
20496	0x5010	2	Ph-N Voltage : V3	V / 100	U32
20498	0x5012	2	Ph-N Voltage : Vn	V / 100	U32

20500	0x5014	2	Ph-Ph Voltage : U12	V / 100	U32
20502	0x5016	2	Ph-Ph Voltage : U23	V / 100	U32
20504	0x5018	2	Ph-Ph Voltage : U31	V / 100	U32
20506	0x501A	2	Current : I1	A / 1000	U32
20508	0x501C	2	Current : I2	A / 1000	U32
20510	0x501E	2	Current : I3	A / 1000	U32
20512	0x5020	2	Current : In	A / 1000	U32
20514	0x5022	1	Inba	% / 100	U16
20515	0x5023	2	Idir	A / 1000	U32
20517	0x5025	2	Iinv	A / 1000	U32
20519	0x5027	2	Ihom	A / 1000	U32
20521	0x5029	1	Inb	% / 100	U16
20522	0x502A	2	Snom	VA	U32
20524	0x502C	2	Total active power	W	S32
20526	0x502E	2	Total reactive power	var	S32
20528	0x5030	2	Total lagging reactive power	var	S32
20530	0x5032	2	Total leading reactive power	var	S32
20532	0x5034	2	Total apparent power	VA	U32
20534	0x5036	1	Total power factor	- / 1000	S16
20535	0x5037	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
20536	0x5038	2	Active power : P1	W	S32
20538	0x503A	2	Active power : P2	W	S32
20540	0x503C	2	Active power : P3	W	S32
20542	0x503E	2	Reactive power : Q1	var	S32
20544	0x5040	2	Reactive power : Q2	var	S32
20546	0x5042	2	Reactive power : Q3	var	S32
20548	0x5044	2	Lagging reactive power : Q1_lagg	var	S32
20550	0x5046	2	Lagging reactive power : Q2_lagg	var	S32
20552	0x5048	2	Lagging reactive power : Q3_lagg	var	S32
20554	0x504A	2	Leading reactive power : Q1_lead	var	S32
20556	0x504C	2	Leading reactive power : Q2_lead	var	S32
20558	0x504E	2	Leading reactive power : Q3_lead	var	S32
20560	0x5050	2	Apparent power : S1	VA	U32
20562	0x5052	2	Apparent power : S2	VA	U32
20564	0x5054	2	Apparent power : S3	VA	U32
20566	0x5056	1	Power factor : PF1	- / 1000	S16
20567	0x5057	1	Power factor : PF2	- / 1000	S16
20568	0x5058	1	Power factor : PF3	- / 1000	S16
20569	0x5059	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
20570	0x505A	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
20571	0x505B	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Inst. measurement - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22528	0x5800	Info	92	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22528	0x5800	1	Load status 0 : Disabled 1 : Enabled	-	U8
22529	0x5801	2	Date of last instance	s	DATETIME
22531	0x5803	1	Integration time	s / 5	U16
22532	0x5804	2	System Ph-N Voltage	V / 100	U32
22534	0x5806	2	System Ph-Ph Voltage	V / 100	U32
22536	0x5808	2	System Current	A / 1000	U32
22538	0x580A	2	Frequency	Hz / 1000	U32
22540	0x580C	2	Ph-N Voltage : V1	V / 100	U32
22542	0x580E	2	Ph-N Voltage : V2	V / 100	U32
22544	0x5810	2	Ph-N Voltage : V3	V / 100	U32
22546	0x5812	2	Ph-N Voltage : Vn	V / 100	U32
22548	0x5814	2	Ph-Ph Voltage : U12	V / 100	U32
22550	0x5816	2	Ph-Ph Voltage : U23	V / 100	U32
22552	0x5818	2	Ph-Ph Voltage : U31	V / 100	U32
22554	0x581A	2	Current : I1	A / 1000	U32
22556	0x581C	2	Current : I2	A / 1000	U32
22558	0x581E	2	Current : I3	A / 1000	U32
22560	0x5820	2	Current : In	A / 1000	U32
22562	0x5822	1	Inba	% / 100	U16
22563	0x5823	2	Idir	A / 1000	U32
22565	0x5825	2	Iinv	A / 1000	U32
22567	0x5827	2	Ihom	A / 1000	U32
22569	0x5829	1	Inb	% / 100	U16
22570	0x582A	2	Snom	VA	U32
22572	0x582C	2	Total active power	W	S32
22574	0x582E	2	Total reactive power	var	S32
22576	0x5830	2	Total lagging reactive power	var	S32
22578	0x5832	2	Total leading reactive power	var	S32
22580	0x5834	2	Total apparent power	VA	U32
22582	0x5836	1	Total power factor	- / 1000	S16
22583	0x5837	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
22584	0x5838	2	Active power : P1	W	S32
22586	0x583A	2	Active power : P2	W	S32
22588	0x583C	2	Active power : P3	W	S32
22590	0x583E	2	Reactive power : Q1	var	S32
22592	0x5840	2	Reactive power : Q2	var	S32
22594	0x5842	2	Reactive power : Q3	var	S32
22596	0x5844	2	Lagging reactive power : Q1_lagg	var	S32
22598	0x5846	2	Lagging reactive power : Q2_lagg	var	S32
22600	0x5848	2	Lagging reactive power : Q3_lagg	var	S32
22602	0x584A	2	Leading reactive power : Q1_lead	var	S32
22604	0x584C	2	Leading reactive power : Q2_lead	var	S32

Dec address	Hex address		Description	Unit	Data type
22606	0x584E	2	Leading reactive power : Q3_lead	var	S32
22608	0x5850	2	Apparent power : S1	VA	U32
22610	0x5852	2	Apparent power : S2	VA	U32
22612	0x5854	2	Apparent power : S3	VA	U32
22614	0x5856	1	Power factor : PF1	- / 1000	S16
22615	0x5857	1	Power factor : PF2	- / 1000	S16
22616	0x5858	1	Power factor : PF3	- / 1000	S16
22617	0x5859	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
22618	0x585A	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
22619	0x585B	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Inst. measurement - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24576	0x6000	Info	92	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24576	0x6000	1	Load status 0 : Disabled 1 : Enabled	-	U8
24577	0x6001	2	Date of last instance	s	DATETIME
24579	0x6003	1	Integration time	s / 5	U16
24580	0x6004	2	System Ph-N Voltage	V / 100	U32
24582	0x6006	2	System Ph-Ph Voltage	V / 100	U32
24584	0x6008	2	System Current	A / 1000	U32
24586	0x600A	2	Frequency	Hz / 1000	U32
24588	0x600C	2	Ph-N Voltage : V1	V / 100	U32
24590	0x600E	2	Ph-N Voltage : V2	V / 100	U32
24592	0x6010	2	Ph-N Voltage : V3	V / 100	U32
24594	0x6012	2	Ph-N Voltage : Vn	V / 100	U32
24596	0x6014	2	Ph-Ph Voltage : U12	V / 100	U32
24598	0x6016	2	Ph-Ph Voltage : U23	V / 100	U32
24600	0x6018	2	Ph-Ph Voltage : U31	V / 100	U32
24602	0x601A	2	Current : I1	A / 1000	U32
24604	0x601C	2	Current : I2	A / 1000	U32
24606	0x601E	2	Current : I3	A / 1000	U32
24608	0x6020	2	Current : In	A / 1000	U32
24610	0x6022	1	Inba	% / 100	U16
24611	0x6023	2	Idir	A / 1000	U32
24613	0x6025	2	Iinv	A / 1000	U32
24615	0x6027	2	Ihom	A / 1000	U32
24617	0x6029	1	Inb	% / 100	U16
24618	0x602A	2	Snom	VA	U32
24620	0x602C	2	Total active power	W	S32
24622	0x602E	2	Total reactive power	var	S32

Dec address	Hex address	Words count	Description	Unit	Data type
24624	0x6030	2	Total lagging reactive power	var	S32
24626	0x6032	2	Total leading reactive power	var	S32
24628	0x6034	2	Total apparent power	VA	U32
24630	0x6036	1	Total power factor	- / 1000	S16
24631	0x6037	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
24632	0x6038	2	Active power : P1	W	S32
24634	0x603A	2	Active power : P2	W	S32
24636	0x603C	2	Active power : P3	W	S32
24638	0x603E	2	Reactive power : Q1	var	S32
24640	0x6040	2	Reactive power : Q2	var	S32
24642	0x6042	2	Reactive power : Q3	var	S32
24644	0x6044	2	Lagging reactive power : Q1_lagg	var	S32
24646	0x6046	2	Lagging reactive power : Q2_lagg	var	S32
24648	0x6048	2	Lagging reactive power : Q3_lagg	var	S32
24650	0x604A	2	Leading reactive power : Q1_lead	var	S32
24652	0x604C	2	Leading reactive power : Q2_lead	var	S32
24654	0x604E	2	Leading reactive power : Q3_lead	var	S32
24656	0x6050	2	Apparent power : S1	VA	U32
24658	0x6052	2	Apparent power : S2	VA	U32
24660	0x6054	2	Apparent power : S3	VA	U32
24662	0x6056	1	Power factor : PF1	- / 1000	S16
24663	0x6057	1	Power factor : PF2	- / 1000	S16
24664	0x6058	1	Power factor : PF3	- / 1000	S16
24665	0x6059	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
24666	0x605A	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
24667	0x605B	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Avg. measurement - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18560	0x4880	Info	93	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
18560	0x4880	1	Load status 0 : Disabled 1 : Enabled	-	U8
18561	0x4881	2	Date of last instance	s	DATETIME
18563	0x4883	1	Integration time	s	U16
18564	0x4884	2	System Ph-N Voltage	V / 100	U32
18566	0x4886	2	System Ph-Ph Voltage	V / 100	U32
18568	0x4888	2	System Current	A / 1000	U32
18570	0x488A	2	Frequency	Hz / 1000	U32
18572	0x488C	2	Ph-N Voltage : V1	V / 100	U32

18574	0x488E	2	Ph-N Voltage : V2	V / 100	U32
18576	0x4890	2	Ph-N Voltage : V3	V / 100	U32
18578	0x4892	2	Ph-N Voltage : Vn	V / 100	U32
18580	0x4894	2	Ph-Ph Voltage : U12	V / 100	U32
18582	0x4896	2	Ph-Ph Voltage : U23	V / 100	U32
18584	0x4898	2	Ph-Ph Voltage : U31	V / 100	U32
18586	0x489A	2	Current : I1	A / 1000	U32
18588	0x489C	2	Current : I2	A / 1000	U32
18590	0x489E	2	Current : I3	A / 1000	U32
18592	0x48A0	2	Current : In	A / 1000	U32
18594	0x48A2	1	Inba	% / 100	U16
18595	0x48A3	2	Idir	A / 1000	U32
18597	0x48A5	2	Iinv	A / 1000	U32
18599	0x48A7	2	Ihom	A / 1000	U32
18601	0x48A9	1	Inb	% / 100	U16
18602	0x48AA	2	Snom	VA	U32
18604	0x48AC	2	Total active power	W	S32
18606	0x48AE	2	Total reactive power	var	S32
18608	0x48B0	2	Total lagging reactive power	var	S32
18610	0x48B2	2	Total leading reactive power	var	S32
18612	0x48B4	2	Total apparent power	VA	U32
18614	0x48B6	1	Total power factor	- / 1000	S16
18615	0x48B7	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
18616	0x48B8	2	Active power : P1	W	S32
18618	0x48BA	2	Active power : P2	W	S32
18620	0x48BC	2	Active power : P3	W	S32
18622	0x48BE	2	Reactive power : Q1	var	S32
18624	0x48C0	2	Reactive power : Q2	var	S32
18626	0x48C2	2	Reactive power : Q3	var	S32
18628	0x48C4	2	Lagging reactive power : Q1_lagg	var	S32
18630	0x48C6	2	Lagging reactive power : Q2_lagg	var	S32
18632	0x48C8	2	Lagging reactive power : Q3_lagg	var	S32
18634	0x48CA	2	Leading reactive power : Q1_lead	var	S32
18636	0x48CC	2	Leading reactive power : Q2_lead	var	S32
18638	0x48CE	2	Leading reactive power : Q3_lead	var	S32
18640	0x48D0	2	Apparent power : S1	VA	U32
18642	0x48D2	2	Apparent power : S2	VA	U32
18644	0x48D4	2	Apparent power : S3	VA	U32
18646	0x48D6	1	Power factor : PF1	- / 1000	S16
18647	0x48D7	1	Power factor : PF2	- / 1000	S16
18648	0x48D8	1	Power factor : PF3	- / 1000	S16
18649	0x48D9	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
18650	0x48DA	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
18651	0x48DB	1	Power factor type : sPF3 0 : undefined 1 : leading	-	U8

			2 : lagging		

Avg. measurement - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20608	0x5080	Info	93	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20608	0x5080	1	Load status 0 : Disabled 1 : Enabled	-	U8
20609	0x5081	2	Date of last instance	s	DATETIME
20611	0x5083	1	Integration time	s	U16
20612	0x5084	2	System Ph-N Voltage	V / 100	U32
20614	0x5086	2	System Ph-Ph Voltage	V / 100	U32
20616	0x5088	2	System Current	A / 1000	U32
20618	0x508A	2	Frequency	Hz / 1000	U32
20620	0x508C	2	Ph-N Voltage : V1	V / 100	U32
20622	0x508E	2	Ph-N Voltage : V2	V / 100	U32
20624	0x5090	2	Ph-N Voltage : V3	V / 100	U32
20626	0x5092	2	Ph-N Voltage : Vn	V / 100	U32
20628	0x5094	2	Ph-Ph Voltage : U12	V / 100	U32
20630	0x5096	2	Ph-Ph Voltage : U23	V / 100	U32
20632	0x5098	2	Ph-Ph Voltage : U31	V / 100	U32
20634	0x509A	2	Current : I1	A / 1000	U32
20636	0x509C	2	Current : I2	A / 1000	U32
20638	0x509E	2	Current : I3	A / 1000	U32
20640	0x50A0	2	Current : In	A / 1000	U32
20642	0x50A2	1	Inba	% / 100	U16
20643	0x50A3	2	Idir	A / 1000	U32
20645	0x50A5	2	Iinv	A / 1000	U32
20647	0x50A7	2	Ihom	A / 1000	U32
20649	0x50A9	1	Inb	% / 100	U16
20650	0x50AA	2	Snom	VA	U32
20652	0x50AC	2	Total active power	W	S32
20654	0x50AE	2	Total reactive power	var	S32
20656	0x50B0	2	Total lagging reactive power	var	S32
20658	0x50B2	2	Total leading reactive power	var	S32
20660	0x50B4	2	Total apparent power	VA	U32
20662	0x50B6	1	Total power factor	- / 1000	S16
20663	0x50B7	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
20664	0x50B8	2	Active power : P1	W	S32
20666	0x50BA	2	Active power : P2	W	S32
20668	0x50BC	2	Active power : P3	W	S32
20670	0x50BE	2	Reactive power : Q1	var	S32
20672	0x50C0	2	Reactive power : Q2	var	S32
20674	0x50C2	2	Reactive power : Q3	var	S32
20676	0x50C4	2	Lagging reactive power : Q1_lagg	var	S32
20678	0x50C6	2	Lagging reactive power : Q2_lagg	var	S32

Dec address	Hex address	Words count	Description	Unit	Data type
20680	0x50C8	2	Lagging reactive power : Q3_lagg	var	S32
20682	0x50CA	2	Leading reactive power : Q1_lead	var	S32
20684	0x50CC	2	Leading reactive power : Q2_lead	var	S32
20686	0x50CE	2	Leading reactive power : Q3_lead	var	S32
20688	0x50D0	2	Apparent power : S1	VA	U32
20690	0x50D2	2	Apparent power : S2	VA	U32
20692	0x50D4	2	Apparent power : S3	VA	U32
20694	0x50D6	1	Power factor : PF1	- / 1000	S16
20695	0x50D7	1	Power factor : PF2	- / 1000	S16
20696	0x50D8	1	Power factor : PF3	- / 1000	S16
20697	0x50D9	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
20698	0x50DA	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
20699	0x50DB	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Avg. measurement - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22656	0x5880	Info	93	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22656	0x5880	1	Load status 0 : Disabled 1 : Enabled	-	U8
22657	0x5881	2	Date of last instance	s	DATETIME
22659	0x5883	1	Integration time	s	U16
22660	0x5884	2	System Ph-N Voltage	V / 100	U32
22662	0x5886	2	System Ph-Ph Voltage	V / 100	U32
22664	0x5888	2	System Current	A / 1000	U32
22666	0x588A	2	Frequency	Hz / 1000	U32
22668	0x588C	2	Ph-N Voltage : V1	V / 100	U32
22670	0x588E	2	Ph-N Voltage : V2	V / 100	U32
22672	0x5890	2	Ph-N Voltage : V3	V / 100	U32
22674	0x5892	2	Ph-N Voltage : Vn	V / 100	U32
22676	0x5894	2	Ph-Ph Voltage : U12	V / 100	U32
22678	0x5896	2	Ph-Ph Voltage : U23	V / 100	U32
22680	0x5898	2	Ph-Ph Voltage : U31	V / 100	U32
22682	0x589A	2	Current : I1	A / 1000	U32
22684	0x589C	2	Current : I2	A / 1000	U32
22686	0x589E	2	Current : I3	A / 1000	U32
22688	0x58A0	2	Current : In	A / 1000	U32
22690	0x58A2	1	Inba	% / 100	U16
22691	0x58A3	2	Idir	A / 1000	U32
22693	0x58A5	2	Iinv	A / 1000	U32
22695	0x58A7	2	Ihom	A / 1000	U32
22697	0x58A9	1	Inb	% / 100	U16

Dec address	Hex address	Words count	Description	Unit	Data type
22698	0x58AA	2	Snom	VA	U32
22700	0x58AC	2	Total active power	W	S32
22702	0x58AE	2	Total reactive power	var	S32
22704	0x58B0	2	Total lagging reactive power	var	S32
22706	0x58B2	2	Total leading reactive power	var	S32
22708	0x58B4	2	Total apparent power	VA	U32
22710	0x58B6	1	Total power factor	- / 1000	S16
22711	0x58B7	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
22712	0x58B8	2	Active power : P1	W	S32
22714	0x58BA	2	Active power : P2	W	S32
22716	0x58BC	2	Active power : P3	W	S32
22718	0x58BE	2	Reactive power : Q1	var	S32
22720	0x58C0	2	Reactive power : Q2	var	S32
22722	0x58C2	2	Reactive power : Q3	var	S32
22724	0x58C4	2	Lagging reactive power : Q1_lagg	var	S32
22726	0x58C6	2	Lagging reactive power : Q2_lagg	var	S32
22728	0x58C8	2	Lagging reactive power : Q3_lagg	var	S32
22730	0x58CA	2	Leading reactive power : Q1_lead	var	S32
22732	0x58CC	2	Leading reactive power : Q2_lead	var	S32
22734	0x58CE	2	Leading reactive power : Q3_lead	var	S32
22736	0x58D0	2	Apparent power : S1	VA	U32
22738	0x58D2	2	Apparent power : S2	VA	U32
22740	0x58D4	2	Apparent power : S3	VA	U32
22742	0x58D6	1	Power factor : PF1	- / 1000	S16
22743	0x58D7	1	Power factor : PF2	- / 1000	S16
22744	0x58D8	1	Power factor : PF3	- / 1000	S16
22745	0x58D9	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
22746	0x58DA	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
22747	0x58DB	1	Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

Avg. measurement - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24704	0x6080	Info	93	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24704	0x6080	1	Load status 0 : Disabled 1 : Enabled	-	U8
24705	0x6081	2	Date of last instance	s	DATETIME
24707	0x6083	1	Integration time	s	U16
24708	0x6084	2	System Ph-N Voltage	V / 100	U32
24710	0x6086	2	System Ph-Ph Voltage	V / 100	U32

24712	0x6088	2	System Current	A / 1000	U32
24714	0x608A	2	Frequency	Hz / 1000	U32
24716	0x608C	2	Ph-N Voltage : V1	V / 100	U32
24718	0x608E	2	Ph-N Voltage : V2	V / 100	U32
24720	0x6090	2	Ph-N Voltage : V3	V / 100	U32
24722	0x6092	2	Ph-N Voltage : Vn	V / 100	U32
24724	0x6094	2	Ph-Ph Voltage : U12	V / 100	U32
24726	0x6096	2	Ph-Ph Voltage : U23	V / 100	U32
24728	0x6098	2	Ph-Ph Voltage : U31	V / 100	U32
24730	0x609A	2	Current : I1	A / 1000	U32
24732	0x609C	2	Current : I2	A / 1000	U32
24734	0x609E	2	Current : I3	A / 1000	U32
24736	0x60A0	2	Current : In	A / 1000	U32
24738	0x60A2	1	Inba	% / 100	U16
24739	0x60A3	2	Idir	A / 1000	U32
24741	0x60A5	2	Iinv	A / 1000	U32
24743	0x60A7	2	Ihom	A / 1000	U32
24745	0x60A9	1	Inb	% / 100	U16
24746	0x60AA	2	Snom	VA	U32
24748	0x60AC	2	Total active power	W	S32
24750	0x60AE	2	Total reactive power	var	S32
24752	0x60B0	2	Total lagging reactive power	var	S32
24754	0x60B2	2	Total leading reactive power	var	S32
24756	0x60B4	2	Total apparent power	VA	U32
24758	0x60B6	1	Total power factor	- / 1000	S16
24759	0x60B7	1	Total Power factor type : 0 : undefined 1 : leading 2 : lagging	-	U8
24760	0x60B8	2	Active power : P1	W	S32
24762	0x60BA	2	Active power : P2	W	S32
24764	0x60BC	2	Active power : P3	W	S32
24766	0x60BE	2	Reactive power : Q1	var	S32
24768	0x60C0	2	Reactive power : Q2	var	S32
24770	0x60C2	2	Reactive power : Q3	var	S32
24772	0x60C4	2	Lagging reactive power : Q1_lagg	var	S32
24774	0x60C6	2	Lagging reactive power : Q2_lagg	var	S32
24776	0x60C8	2	Lagging reactive power : Q3_lagg	var	S32
24778	0x60CA	2	Leading reactive power : Q1_lead	var	S32
24780	0x60CC	2	Leading reactive power : Q2_lead	var	S32
24782	0x60CE	2	Leading reactive power : Q3_lead	var	S32
24784	0x60D0	2	Apparent power : S1	VA	U32
24786	0x60D2	2	Apparent power : S2	VA	U32
24788	0x60D4	2	Apparent power : S3	VA	U32
24790	0x60D6	1	Power factor : PF1	- / 1000	S16
24791	0x60D7	1	Power factor : PF2	- / 1000	S16
24792	0x60D8	1	Power factor : PF3	- / 1000	S16
24793	0x60D9	1	Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
24794	0x60DA	1	Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8

| 24795 | 0x60DB | 1 | Power factor type : sPF3
0 : undefined
1 : leading
2 : lagging | - | U8 |

Inst. fundamental measurement - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18688	0x4900	Info	84	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
18688	0x4900	1	Load status 0 : Disabled 1 : Enabled	-	U8
18689	0x4901	2	Date of last instance	s	DATETIME
18691	0x4903	1	Integration time	s / 5	U16
18692	0x4904	2	Ph-N voltage: V1h1	V / 100	U32
18694	0x4906	2	Ph-N voltage: V2h1	V / 100	U32
18696	0x4908	2	Ph-N voltage: V3h1	V / 100	U32
18698	0x490A	2	Ph-N voltage: Vnh1	V / 100	U32
18700	0x490C	1	Ph-N voltage phase: phV1h1	? / 10	S16
18701	0x490D	1	Ph-N voltage phase: phV2h1	? / 10	S16
18702	0x490E	1	Ph-N voltage phase: phV3h1	? / 10	S16
18703	0x490F	1	Ph-N voltage phase: phVnh1	? / 10	S16
18704	0x4910	2	Ph-Ph voltage: U12h1	V / 100	U32
18706	0x4912	2	Ph-Ph voltage: U23h1	V / 100	U32
18708	0x4914	2	Ph-Ph voltage: U31h1	V / 100	U32
18710	0x4916	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
18711	0x4917	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
18712	0x4918	1	Ph-Ph voltage phase: phU31h1	? / 10	S16
18713	0x4919	2	Current: I1h1	A / 1000	U32
18715	0x491B	2	Current: I2h1	A / 1000	U32
18717	0x491D	2	Current: I3h1	A / 1000	U32
18719	0x491F	2	Current: Inh1	A / 1000	U32
18721	0x4921	1	Current phase: phI1h1	? / 10	S16
18722	0x4922	1	Current phase: phI2h1	? / 10	S16
18723	0x4923	1	Current phase: phI3h1	? / 10	S16
18724	0x4924	1	Current phase: phInh1	? / 10	S16
18725	0x4925	1	phi current voltage: phiI1h1V1h1	? / 10	S16
18726	0x4926	1	phi current voltage: phiI2h1V2h1	? / 10	S16
18727	0x4927	1	phi current voltage: phiI3h1V3h1	? / 10	S16
18728	0x4928	1	phi current voltage: phiInh1Vnh1	? / 10	S16
18729	0x4929	2	P1h1	W	S32
18731	0x492B	2	P2h1	W	S32
18733	0x492D	2	P3h1	W	S32
18735	0x492F	2	Ptoth1	W / 0.1	S32
18737	0x4931	2	Q1h1	var	S32
18739	0x4933	2	Q2h1	var	S32
18741	0x4935	2	Q3h1	var	S32
18743	0x4937	2	Qtoth1	var / 0.1	S32
18745	0x4939	1	Cos(phi) : phiI1h1V1h1	- / 1000	S16
18746	0x493A	1	Cos(phi) : phiI2h1V2h1	- / 1000	S16

18747	0x493B	1	Cos(phi) : phiI3h1V3h1	- / 1000	S16
18748	0x493C	1	Tan(phi) : phiI1h1V1h1	- / 1000	S16
18749	0x493D	1	Tan(phi) : phiI2h1V2h1	- / 1000	S16
18750	0x493E	1	Tan(phi) : phiI3h1V3h1	- / 1000	S16
18751	0x493F	1	Ph-N Voltage total harmonic distortion : THD V1	% / 100	U16
18752	0x4940	1	Ph-N Voltage total harmonic distortion : THD V2	% / 100	U16
18753	0x4941	1	Ph-N Voltage total harmonic distortion : THD V3	% / 100	U16
18754	0x4942	1	Ph-Ph Voltage total harmonic distortion : THD U12	% / 100	U16
18755	0x4943	1	Ph-Ph Voltage total harmonic distortion : THD U23	% / 100	U16
18756	0x4944	1	Ph-Ph Voltage total harmonic distortion : THD U31	% / 100	U16
18757	0x4945	1	Curent total harmonic distortion : THD I1	% / 100	U16
18758	0x4946	1	Curent total harmonic distortion : THD I2	% / 100	U16
18759	0x4947	1	Curent total harmonic distortion : THD I3	% / 100	U16
18760	0x4948	1	Curent total harmonic distortion : THD In	% / 100	U16
18761	0x4949	1	K-Factor I1	- / 100	U16
18762	0x494A	1	K-Factor I2	- / 100	U16
18763	0x494B	1	K-Factor I3	- / 100	U16
18764	0x494C	1	K-Factor In	- / 100	U16
18765	0x494D	1	System THD V	% / 100	U16
18766	0x494E	1	System THD U	% / 100	U16
18767	0x494F	1	System THD I	% / 100	U16
18768	0x4950	1	Crest factor : I1	- / 1000	U16
18769	0x4951	1	Crest factor : I2	- / 1000	U16
18770	0x4952	1	Crest factor : I3	- / 1000	U16
18771	0x4953	1	Crest factor : In	- / 1000	U16

Inst. fundamental measurement - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20736	0x5100	Info	84	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20736	0x5100	1	Load status 0 : Disabled 1 : Enabled	-	U8
20737	0x5101	2	Date of last instance	s	DATETIME
20739	0x5103	1	Integration time	s / 5	U16
20740	0x5104	2	Ph-N voltage: V1h1	V / 100	U32
20742	0x5106	2	Ph-N voltage: V2h1	V / 100	U32
20744	0x5108	2	Ph-N voltage: V3h1	V / 100	U32
20746	0x510A	2	Ph-N voltage: Vnh1	V / 100	U32
20748	0x510C	1	Ph-N voltage phase: phV1h1	? / 10	S16
20749	0x510D	1	Ph-N voltage phase: phV2h1	? / 10	S16
20750	0x510E	1	Ph-N voltage phase: phV3h1	? / 10	S16
20751	0x510F	1	Ph-N voltage phase: phVnh1	? / 10	S16
20752	0x5110	2	Ph-Ph voltage: U12h1	V / 100	U32
20754	0x5112	2	Ph-Ph voltage: U23h1	V / 100	U32
20756	0x5114	2	Ph-Ph voltage: U31h1	V / 100	U32
20758	0x5116	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
20759	0x5117	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
20760	0x5118	1	Ph-Ph voltage phase: phU31h1	? / 10	S16

20761	0x5119	2	Current: I1h1	A / 1000	U32
20763	0x511B	2	Current: I2h1	A / 1000	U32
20765	0x511D	2	Current: I3h1	A / 1000	U32
20767	0x511F	2	Current: Inh1	A / 1000	U32
20769	0x5121	1	Current phase: phiI1h1	? / 10	S16
20770	0x5122	1	Current phase: phiI2h1	? / 10	S16
20771	0x5123	1	Current phase: phiI3h1	? / 10	S16
20772	0x5124	1	Current phase: phiInh1	? / 10	S16
20773	0x5125	1	phi current voltage: phiI1h1V1h1	? / 10	S16
20774	0x5126	1	phi current voltage: phiI2h1V2h1	? / 10	S16
20775	0x5127	1	phi current voltage: phiI3h1V3h1	? / 10	S16
20776	0x5128	1	phi current voltage: phiInh1Vnh1	? / 10	S16
20777	0x5129	2	P1h1	W	S32
20779	0x512B	2	P2h1	W	S32
20781	0x512D	2	P3h1	W	S32
20783	0x512F	2	Ptoth1	W / 0.1	S32
20785	0x5131	2	Q1h1	var	S32
20787	0x5133	2	Q2h1	var	S32
20789	0x5135	2	Q3h1	var	S32
20791	0x5137	2	Qtoth1	var / 0.1	S32
20793	0x5139	1	Cos(phi) : phiI1h1V1h1	- / 1000	S16
20794	0x513A	1	Cos(phi) : phiI2h1V2h1	- / 1000	S16
20795	0x513B	1	Cos(phi) : phiI3h1V3h1	- / 1000	S16
20796	0x513C	1	Tan(phi) : phiI1h1V1h1	- / 1000	S16
20797	0x513D	1	Tan(phi) : phiI2h1V2h1	- / 1000	S16
20798	0x513E	1	Tan(phi) : phiI3h1V3h1	- / 1000	S16
20799	0x513F	1	Ph-N Voltage total harmonic distortion : THD V1	% / 100	U16
20800	0x5140	1	Ph-N Voltage total harmonic distortion : THD V2	% / 100	U16
20801	0x5141	1	Ph-N Voltage total harmonic distortion : THD V3	% / 100	U16
20802	0x5142	1	Ph-Ph Voltage total harmonic distortion : THD U12	% / 100	U16
20803	0x5143	1	Ph-Ph Voltage total harmonic distortion : THD U23	% / 100	U16
20804	0x5144	1	Ph-Ph Voltage total harmonic distortion : THD U31	% / 100	U16
20805	0x5145	1	Curent total harmonic distortion : THD I1	% / 100	U16
20806	0x5146	1	Curent total harmonic distortion : THD I2	% / 100	U16
20807	0x5147	1	Curent total harmonic distortion : THD I3	% / 100	U16
20808	0x5148	1	Curent total harmonic distortion : THD In	% / 100	U16
20809	0x5149	1	K-Factor I1	- / 100	U16
20810	0x514A	1	K-Factor I2	- / 100	U16
20811	0x514B	1	K-Factor I3	- / 100	U16
20812	0x514C	1	K-Factor In	- / 100	U16
20813	0x514D	1	System THD V	% / 100	U16
20814	0x514E	1	System THD U	% / 100	U16
20815	0x514F	1	System THD I	% / 100	U16
20816	0x5150	1	Crest factor : I1	- / 1000	U16
20817	0x5151	1	Crest factor : I2	- / 1000	U16
20818	0x5152	1	Crest factor : I3	- / 1000	U16
20819	0x5153	1	Crest factor : In	- / 1000	U16

Inst. fundamental measurement - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22784	0x5900	Info	84	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22784	0x5900	1	Load status 0 : Disabled 1 : Enabled	-	U8
22785	0x5901	2	Date of last instance	s	DATETIME
22787	0x5903	1	Integration time	s / 5	U16
22788	0x5904	2	Ph-N voltage: V1h1	V / 100	U32
22790	0x5906	2	Ph-N voltage: V2h1	V / 100	U32
22792	0x5908	2	Ph-N voltage: V3h1	V / 100	U32
22794	0x590A	2	Ph-N voltage: Vnh1	V / 100	U32
22796	0x590C	1	Ph-N voltage phase: phV1h1	? / 10	S16
22797	0x590D	1	Ph-N voltage phase: phV2h1	? / 10	S16
22798	0x590E	1	Ph-N voltage phase: phV3h1	? / 10	S16
22799	0x590F	1	Ph-N voltage phase: phVnh1	? / 10	S16
22800	0x5910	2	Ph-Ph voltage: U12h1	V / 100	U32
22802	0x5912	2	Ph-Ph voltage: U23h1	V / 100	U32
22804	0x5914	2	Ph-Ph voltage: U31h1	V / 100	U32
22806	0x5916	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
22807	0x5917	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
22808	0x5918	1	Ph-Ph voltage phase: phU31h1	? / 10	S16
22809	0x5919	2	Current: I1h1	A / 1000	U32
22811	0x591B	2	Current: I2h1	A / 1000	U32
22813	0x591D	2	Current: I3h1	A / 1000	U32
22815	0x591F	2	Current: Inh1	A / 1000	U32
22817	0x5921	1	Current phase: phI1h1	? / 10	S16
22818	0x5922	1	Current phase: phI2h1	? / 10	S16
22819	0x5923	1	Current phase: phI3h1	? / 10	S16
22820	0x5924	1	Current phase: phInh1	? / 10	S16
22821	0x5925	1	phi current voltage: phiI1h1V1h1	? / 10	S16
22822	0x5926	1	phi current voltage: phiI2h1V2h1	? / 10	S16
22823	0x5927	1	phi current voltage: phiI3h1V3h1	? / 10	S16
22824	0x5928	1	phi current voltage: phiInh1Vnh1	? / 10	S16
22825	0x5929	2	P1h1	W	S32
22827	0x592B	2	P2h1	W	S32
22829	0x592D	2	P3h1	W	S32
22831	0x592F	2	Ptoth1	W / 0.1	S32
22833	0x5931	2	Q1h1	var	S32
22835	0x5933	2	Q2h1	var	S32
22837	0x5935	2	Q3h1	var	S32
22839	0x5937	2	Qtoth1	var / 0.1	S32
22841	0x5939	1	Cos(phi) : phiI1h1V1h1	- / 1000	S16
22842	0x593A	1	Cos(phi) : phiI2h1V2h1	- / 1000	S16
22843	0x593B	1	Cos(phi) : phiI3h1V3h1	- / 1000	S16
22844	0x593C	1	Tan(phi) : phiI1h1V1h1	- / 1000	S16
22845	0x593D	1	Tan(phi) : phiI2h1V2h1	- / 1000	S16
22846	0x593E	1	Tan(phi) : phiI3h1V3h1	- / 1000	S16
22847	0x593F	1	Ph-N Voltage total harmonic distortion : THD V1	% / 100	U16
22848	0x5940	1	Ph-N Voltage total harmonic distortion : THD V2	% / 100	U16
22849	0x5941	1	Ph-N Voltage total harmonic distortion : THD V3	% / 100	U16
22850	0x5942	1	Ph-Ph Voltage total harmonic distortion : THD U12	% / 100	U16
22851	0x5943	1	Ph-Ph Voltage total harmonic distortion : THD U23	% / 100	U16

22852	0x5944	1	Ph-Ph Voltage total harmonic distortion : THD U31	% / 100	U16
22853	0x5945	1	Current total harmonic distortion : THD I1	% / 100	U16
22854	0x5946	1	Current total harmonic distortion : THD I2	% / 100	U16
22855	0x5947	1	Current total harmonic distortion : THD I3	% / 100	U16
22856	0x5948	1	Current total harmonic distortion : THD In	% / 100	U16
22857	0x5949	1	K-Factor I1	- / 100	U16
22858	0x594A	1	K-Factor I2	- / 100	U16
22859	0x594B	1	K-Factor I3	- / 100	U16
22860	0x594C	1	K-Factor In	- / 100	U16
22861	0x594D	1	System THD V	% / 100	U16
22862	0x594E	1	System THD U	% / 100	U16
22863	0x594F	1	System THD I	% / 100	U16
22864	0x5950	1	Crest factor : I1	- / 1000	U16
22865	0x5951	1	Crest factor : I2	- / 1000	U16
22866	0x5952	1	Crest factor : I3	- / 1000	U16
22867	0x5953	1	Crest factor : In	- / 1000	U16

Inst. fundamental measurement - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24832	0x6100	Info	84	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24832	0x6100	1	Load status 0 : Disabled 1 : Enabled	-	U8
24833	0x6101	2	Date of last instance	s	DATETIME
24835	0x6103	1	Integration time	s / 5	U16
24836	0x6104	2	Ph-N voltage: V1h1	V / 100	U32
24838	0x6106	2	Ph-N voltage: V2h1	V / 100	U32
24840	0x6108	2	Ph-N voltage: V3h1	V / 100	U32
24842	0x610A	2	Ph-N voltage: Vnh1	V / 100	U32
24844	0x610C	1	Ph-N voltage phase: phV1h1	? / 10	S16
24845	0x610D	1	Ph-N voltage phase: phV2h1	? / 10	S16
24846	0x610E	1	Ph-N voltage phase: phV3h1	? / 10	S16
24847	0x610F	1	Ph-N voltage phase: phVnh1	? / 10	S16
24848	0x6110	2	Ph-Ph voltage: U12h1	V / 100	U32
24850	0x6112	2	Ph-Ph voltage: U23h1	V / 100	U32
24852	0x6114	2	Ph-Ph voltage: U31h1	V / 100	U32
24854	0x6116	1	Ph-Ph voltage phase: phU12h1	? / 10	S16
24855	0x6117	1	Ph-Ph voltage phase: phU23h1	? / 10	S16
24856	0x6118	1	Ph-Ph voltage phase: phU31h1	? / 10	S16
24857	0x6119	2	Current: I1h1	A / 1000	U32
24859	0x611B	2	Current: I2h1	A / 1000	U32
24861	0x611D	2	Current: I3h1	A / 1000	U32
24863	0x611F	2	Current: Inh1	A / 1000	U32
24865	0x6121	1	Current phase: phI1h1	? / 10	S16
24866	0x6122	1	Current phase: phI2h1	? / 10	S16
24867	0x6123	1	Current phase: phI3h1	? / 10	S16
24868	0x6124	1	Current phase: phInh1	? / 10	S16
24869	0x6125	1	phi current voltage: phiI1h1V1h1	? / 10	S16

Dec address	Hex address	Words count	Description	Unit	Data type
24870	0x6126	1	phi current voltage: phiI2h1V2h1	? / 10	S16
24871	0x6127	1	phi current voltage: phiI3h1V3h1	? / 10	S16
24872	0x6128	1	phi current voltage: phiInh1Vnh1	? / 10	S16
24873	0x6129	2	P1h1	W	S32
24875	0x612B	2	P2h1	W	S32
24877	0x612D	2	P3h1	W	S32
24879	0x612F	2	Ptoth1	W / 0.1	S32
24881	0x6131	2	Q1h1	var	S32
24883	0x6133	2	Q2h1	var	S32
24885	0x6135	2	Q3h1	var	S32
24887	0x6137	2	Qtoth1	var / 0.1	S32
24889	0x6139	1	Cos(phi) : phiI1h1V1h1	- / 1000	S16
24890	0x613A	1	Cos(phi) : phiI2h1V2h1	- / 1000	S16
24891	0x613B	1	Cos(phi) : phiI3h1V3h1	- / 1000	S16
24892	0x613C	1	Tan(phi) : phiI1h1V1h1	- / 1000	S16
24893	0x613D	1	Tan(phi) : phiI2h1V2h1	- / 1000	S16
24894	0x613E	1	Tan(phi) : phiI3h1V3h1	- / 1000	S16
24895	0x613F	1	Ph-N Voltage total harmonic distortion : THD V1	% / 100	U16
24896	0x6140	1	Ph-N Voltage total harmonic distortion : THD V2	% / 100	U16
24897	0x6141	1	Ph-N Voltage total harmonic distortion : THD V3	% / 100	U16
24898	0x6142	1	Ph-Ph Voltage total harmonic distortion : THD U12	% / 100	U16
24899	0x6143	1	Ph-Ph Voltage total harmonic distortion : THD U23	% / 100	U16
24900	0x6144	1	Ph-Ph Voltage total harmonic distortion : THD U31	% / 100	U16
24901	0x6145	1	Curent total harmonic distortion : THD I1	% / 100	U16
24902	0x6146	1	Curent total harmonic distortion : THD I2	% / 100	U16
24903	0x6147	1	Curent total harmonic distortion : THD I3	% / 100	U16
24904	0x6148	1	Curent total harmonic distortion : THD In	% / 100	U16
24905	0x6149	1	K-Factor I1	- / 100	U16
24906	0x614A	1	K-Factor I2	- / 100	U16
24907	0x614B	1	K-Factor I3	- / 100	U16
24908	0x614C	1	K-Factor In	- / 100	U16
24909	0x614D	1	System THD V	% / 100	U16
24910	0x614E	1	System THD U	% / 100	U16
24911	0x614F	1	System THD I	% / 100	U16
24912	0x6150	1	Crest factor : I1	- / 1000	U16
24913	0x6151	1	Crest factor : I2	- / 1000	U16
24914	0x6152	1	Crest factor : I3	- / 1000	U16
24915	0x6153	1	Crest factor : In	- / 1000	U16

Inst. measurement max - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18816	0x4980	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
18816	0x4980	1	Load status : 0 : Disabled 1 : Enabled	-	U8
18817	0x4981	2	Maximum Frequency	Hz / 1000	U32
18819	0x4983	2	Date of maximum F	-	DATETIME
18821	0x4985	2	Maximum Ph-N Voltage : V1	V / 100	U32

18823	0x4987	2	Date of maximum V1	-	DATETIME
18825	0x4989	2	Maximum Ph-N Voltage : V2	V / 100	U32
18827	0x498B	2	Date of maximum V2	-	DATETIME
18829	0x498D	2	Maximum Ph-N Voltage : V3	V / 100	U32
18831	0x498F	2	Date of maximum V3	-	DATETIME
18833	0x4991	2	Maximum Ph-N Voltage : Vn	V / 100	U32
18835	0x4993	2	Date of maximum Vn	-	DATETIME
18837	0x4995	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
18839	0x4997	2	Date of maximum U12	-	DATETIME
18841	0x4999	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
18843	0x499B	2	Date of maximum U23	-	DATETIME
18845	0x499D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
18847	0x499F	2	Date of maximum U31	-	DATETIME
18849	0x49A1	2	Maximum Current : I1	A / 1000	U32
18851	0x49A3	2	Date of maximum I1	-	DATETIME
18853	0x49A5	2	Maximum Current : I2	A / 1000	U32
18855	0x49A7	2	Date of maximum I2	-	DATETIME
18857	0x49A9	2	Maximum Current : I3	A / 1000	U32
18859	0x49AB	2	Date of maximum I3	-	DATETIME
18861	0x49AD	2	Maximum Current : In	A / 1000	U32
18863	0x49AF	2	Date of maximum In	-	DATETIME
18865	0x49B1	2	Maximum Total active power	W	S32
18867	0x49B3	2	Date of maximum Ptot	-	DATETIME
18869	0x49B5	2	Maximum Total reactive power	var	S32
18871	0x49B7	2	Date of maximum Qtot	-	DATETIME
18873	0x49B9	2	Maximum Total apparent power	VA	U32
18875	0x49BB	2	Date of maximum Stot	-	DATETIME
18877	0x49BD	1	Maximum Total power factor	- / 1000	S16
18878	0x49BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
18879	0x49BF	2	Date of maximum Total power factor	-	DATETIME
18881	0x49C1	2	Maximum Active power : P1	W	S32
18883	0x49C3	2	Date of maximum P1	-	DATETIME
18885	0x49C5	2	Maximum Active power : P2	W	S32
18887	0x49C7	2	Date of maximum P2	-	DATETIME
18889	0x49C9	2	Maximum Active power : P3	W	S32
18891	0x49CB	2	Date of maximum P3	-	DATETIME
18893	0x49CD	2	Maximum Reactive power : Q1	var	S32
18895	0x49CF	2	Date of maximum Q1	-	DATETIME
18897	0x49D1	2	Maximum Reactive power : Q2	var	S32
18899	0x49D3	2	Date of maximum Q2	-	DATETIME
18901	0x49D5	2	Maximum Reactive power : Q3	var	S32
18903	0x49D7	2	Date of maximum Q3	-	DATETIME
18905	0x49D9	2	Maximum Apparent power : S1	VA	U32
18907	0x49DB	2	Date of maximum S1	-	DATETIME
18909	0x49DD	2	Maximum Apparent power : S2	VA	U32
18911	0x49DF	2	Date of maximum S2	-	DATETIME
18913	0x49E1	2	Maximum Apparent power : S3	VA	U32
18915	0x49E3	2	Date of maximum S3	-	DATETIME
18917	0x49E5	1	Maximum Power factor : PF1	- / 1000	S16
			Maximum Power factor type : sPF1		

Dec address	Hex address	Words count	Description	Unit	Data type
18918	0x49E6	1	0 : undefined 1 : leading 2 : lagging	-	U8
18919	0x49E7	2	Date of maximum PF1	-	DATETIME
18921	0x49E9	1	Maximum Power factor : PF2	- / 1000	S16
18922	0x49EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
18923	0x49EB	2	Date of maximum PF2	-	DATETIME
18925	0x49ED	1	Maximum Power factor : PF3	- / 1000	S16
18926	0x49EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
18927	0x49EF	2	Date of maximum PF3	-	DATETIME

Inst. measurement max - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20864	0x5180	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20864	0x5180	1	Load status : 0 : Disabled 1 : Enabled	-	U8
20865	0x5181	2	Maximum Frequency	Hz / 1000	U32
20867	0x5183	2	Date of maximum F	-	DATETIME
20869	0x5185	2	Maximum Ph-N Voltage : V1	V / 100	U32
20871	0x5187	2	Date of maximum V1	-	DATETIME
20873	0x5189	2	Maximum Ph-N Voltage : V2	V / 100	U32
20875	0x518B	2	Date of maximum V2	-	DATETIME
20877	0x518D	2	Maximum Ph-N Voltage : V3	V / 100	U32
20879	0x518F	2	Date of maximum V3	-	DATETIME
20881	0x5191	2	Maximum Ph-N Voltage : Vn	V / 100	U32
20883	0x5193	2	Date of maximum Vn	-	DATETIME
20885	0x5195	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
20887	0x5197	2	Date of maximum U12	-	DATETIME
20889	0x5199	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
20891	0x519B	2	Date of maximum U23	-	DATETIME
20893	0x519D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
20895	0x519F	2	Date of maximum U31	-	DATETIME
20897	0x51A1	2	Maximum Current : I1	A / 1000	U32
20899	0x51A3	2	Date of maximum I1	-	DATETIME
20901	0x51A5	2	Maximum Current : I2	A / 1000	U32
20903	0x51A7	2	Date of maximum I2	-	DATETIME
20905	0x51A9	2	Maximum Current : I3	A / 1000	U32
20907	0x51AB	2	Date of maximum I3	-	DATETIME
20909	0x51AD	2	Maximum Current : In	A / 1000	U32
20911	0x51AF	2	Date of maximum In	-	DATETIME
20913	0x51B1	2	Maximum Total active power	W	S32
20915	0x51B3	2	Date of maximum Ptot	-	DATETIME
20917	0x51B5	2	Maximum Total reactive power	var	S32
20919	0x51B7	2	Date of maximum Qtot	-	DATETIME

Dec address	Hex address	Words count	Description	Unit	Data type
20921	0x51B9	2	Maximum Total apparent power	VA	U32
20923	0x51BB	2	Date of maximum Stot	-	DATETIME
20925	0x51BD	1	Maximum Total power factor	- / 1000	S16
20926	0x51BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
20927	0x51BF	2	Date of maximum Total power factor	-	DATETIME
20929	0x51C1	2	Maximum Active power : P1	W	S32
20931	0x51C3	2	Date of maximum P1	-	DATETIME
20933	0x51C5	2	Maximum Active power : P2	W	S32
20935	0x51C7	2	Date of maximum P2	-	DATETIME
20937	0x51C9	2	Maximum Active power : P3	W	S32
20939	0x51CB	2	Date of maximum P3	-	DATETIME
20941	0x51CD	2	Maximum Reactive power : Q1	var	S32
20943	0x51CF	2	Date of maximum Q1	-	DATETIME
20945	0x51D1	2	Maximum Reactive power : Q2	var	S32
20947	0x51D3	2	Date of maximum Q2	-	DATETIME
20949	0x51D5	2	Maximum Reactive power : Q3	var	S32
20951	0x51D7	2	Date of maximum Q3	-	DATETIME
20953	0x51D9	2	Maximum Apparent power : S1	VA	U32
20955	0x51DB	2	Date of maximum S1	-	DATETIME
20957	0x51DD	2	Maximum Apparent power : S2	VA	U32
20959	0x51DF	2	Date of maximum S2	-	DATETIME
20961	0x51E1	2	Maximum Apparent power : S3	VA	U32
20963	0x51E3	2	Date of maximum S3	-	DATETIME
20965	0x51E5	1	Maximum Power factor : PF1	- / 1000	S16
20966	0x51E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
20967	0x51E7	2	Date of maximum PF1	-	DATETIME
20969	0x51E9	1	Maximum Power factor : PF2	- / 1000	S16
20970	0x51EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
20971	0x51EB	2	Date of maximum PF2	-	DATETIME
20973	0x51ED	1	Maximum Power factor : PF3	- / 1000	S16
20974	0x51EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
20975	0x51EF	2	Date of maximum PF3	-	DATETIME

Inst. measurement max - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22912	0x5980	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22912	0x5980	1	Load status : 0 : Disabled 1 : Enabled	-	U8

22913	0x5981	2	Maximum Frequency	Hz / 1000	U32
22915	0x5983	2	Date of maximum F	-	DATETIME
22917	0x5985	2	Maximum Ph-N Voltage : V1	V / 100	U32
22919	0x5987	2	Date of maximum V1	-	DATETIME
22921	0x5989	2	Maximum Ph-N Voltage : V2	V / 100	U32
22923	0x598B	2	Date of maximum V2	-	DATETIME
22925	0x598D	2	Maximum Ph-N Voltage : V3	V / 100	U32
22927	0x598F	2	Date of maximum V3	-	DATETIME
22929	0x5991	2	Maximum Ph-N Voltage : Vn	V / 100	U32
22931	0x5993	2	Date of maximum Vn	-	DATETIME
22933	0x5995	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
22935	0x5997	2	Date of maximum U12	-	DATETIME
22937	0x5999	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
22939	0x599B	2	Date of maximum U23	-	DATETIME
22941	0x599D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
22943	0x599F	2	Date of maximum U31	-	DATETIME
22945	0x59A1	2	Maximum Current : I1	A / 1000	U32
22947	0x59A3	2	Date of maximum I1	-	DATETIME
22949	0x59A5	2	Maximum Current : I2	A / 1000	U32
22951	0x59A7	2	Date of maximum I2	-	DATETIME
22953	0x59A9	2	Maximum Current : I3	A / 1000	U32
22955	0x59AB	2	Date of maximum I3	-	DATETIME
22957	0x59AD	2	Maximum Current : In	A / 1000	U32
22959	0x59AF	2	Date of maximum In	-	DATETIME
22961	0x59B1	2	Maximum Total active power	W	S32
22963	0x59B3	2	Date of maximum Ptot	-	DATETIME
22965	0x59B5	2	Maximum Total reactive power	var	S32
22967	0x59B7	2	Date of maximum Qtot	-	DATETIME
22969	0x59B9	2	Maximum Total apparent power	VA	U32
22971	0x59BB	2	Date of maximum Stot	-	DATETIME
22973	0x59BD	1	Maximum Total power factor	- / 1000	S16
22974	0x59BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
22975	0x59BF	2	Date of maximum Total power factor	-	DATETIME
22977	0x59C1	2	Maximum Active power : P1	W	S32
22979	0x59C3	2	Date of maximum P1	-	DATETIME
22981	0x59C5	2	Maximum Active power : P2	W	S32
22983	0x59C7	2	Date of maximum P2	-	DATETIME
22985	0x59C9	2	Maximum Active power : P3	W	S32
22987	0x59CB	2	Date of maximum P3	-	DATETIME
22989	0x59CD	2	Maximum Reactive power : Q1	var	S32
22991	0x59CF	2	Date of maximum Q1	-	DATETIME
22993	0x59D1	2	Maximum Reactive power : Q2	var	S32
22995	0x59D3	2	Date of maximum Q2	-	DATETIME
22997	0x59D5	2	Maximum Reactive power : Q3	var	S32
22999	0x59D7	2	Date of maximum Q3	-	DATETIME
23001	0x59D9	2	Maximum Apparent power : S1	VA	U32
23003	0x59DB	2	Date of maximum S1	-	DATETIME
23005	0x59DD	2	Maximum Apparent power : S2	VA	U32
23007	0x59DF	2	Date of maximum S2	-	DATETIME
23009	0x59E1	2	Maximum Apparent power : S3	VA	U32

23011	0x59E3	2	Date of maximum S3	-	DATETIME
23013	0x59E5	1	Maximum Power factor : PF1	- / 1000	S16
23014	0x59E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
23015	0x59E7	2	Date of maximum PF1	-	DATETIME
23017	0x59E9	1	Maximum Power factor : PF2	- / 1000	S16
23018	0x59EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
23019	0x59EB	2	Date of maximum PF2	-	DATETIME
23021	0x59ED	1	Maximum Power factor : PF3	- / 1000	S16
23022	0x59EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
23023	0x59EF	2	Date of maximum PF3	-	DATETIME

Inst. measurement max - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24960	0x6180	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24960	0x6180	1	Load status : 0 : Disabled 1 : Enabled	-	U8
24961	0x6181	2	Maximum Frequency	Hz / 1000	U32
24963	0x6183	2	Date of maximum F	-	DATETIME
24965	0x6185	2	Maximum Ph-N Voltage : V1	V / 100	U32
24967	0x6187	2	Date of maximum V1	-	DATETIME
24969	0x6189	2	Maximum Ph-N Voltage : V2	V / 100	U32
24971	0x618B	2	Date of maximum V2	-	DATETIME
24973	0x618D	2	Maximum Ph-N Voltage : V3	V / 100	U32
24975	0x618F	2	Date of maximum V3	-	DATETIME
24977	0x6191	2	Maximum Ph-N Voltage : Vn	V / 100	U32
24979	0x6193	2	Date of maximum Vn	-	DATETIME
24981	0x6195	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
24983	0x6197	2	Date of maximum U12	-	DATETIME
24985	0x6199	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
24987	0x619B	2	Date of maximum U23	-	DATETIME
24989	0x619D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
24991	0x619F	2	Date of maximum U31	-	DATETIME
24993	0x61A1	2	Maximum Current : I1	A / 1000	U32
24995	0x61A3	2	Date of maximum I1	-	DATETIME
24997	0x61A5	2	Maximum Current : I2	A / 1000	U32
24999	0x61A7	2	Date of maximum I2	-	DATETIME
25001	0x61A9	2	Maximum Current : I3	A / 1000	U32
25003	0x61AB	2	Date of maximum I3	-	DATETIME
25005	0x61AD	2	Maximum Current : In	A / 1000	U32
25007	0x61AF	2	Date of maximum In	-	DATETIME
25009	0x61B1	2	Maximum Total active power	W	S32

25011	0x61B3	2	Date of maximum Ptot	-	DATETIME
25013	0x61B5	2	Maximum Total reactive power	var	S32
25015	0x61B7	2	Date of maximum Qtot	-	DATETIME
25017	0x61B9	2	Maximum Total apparent power	VA	U32
25019	0x61BB	2	Date of maximum Stot	-	DATETIME
25021	0x61BD	1	Maximum Total power factor	- / 1000	S16
25022	0x61BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
25023	0x61BF	2	Date of maximum Total power factor	-	DATETIME
25025	0x61C1	2	Maximum Active power : P1	W	S32
25027	0x61C3	2	Date of maximum P1	-	DATETIME
25029	0x61C5	2	Maximum Active power : P2	W	S32
25031	0x61C7	2	Date of maximum P2	-	DATETIME
25033	0x61C9	2	Maximum Active power : P3	W	S32
25035	0x61CB	2	Date of maximum P3	-	DATETIME
25037	0x61CD	2	Maximum Reactive power : Q1	var	S32
25039	0x61CF	2	Date of maximum Q1	-	DATETIME
25041	0x61D1	2	Maximum Reactive power : Q2	var	S32
25043	0x61D3	2	Date of maximum Q2	-	DATETIME
25045	0x61D5	2	Maximum Reactive power : Q3	var	S32
25047	0x61D7	2	Date of maximum Q3	-	DATETIME
25049	0x61D9	2	Maximum Apparent power : S1	VA	U32
25051	0x61DB	2	Date of maximum S1	-	DATETIME
25053	0x61DD	2	Maximum Apparent power : S2	VA	U32
25055	0x61DF	2	Date of maximum S2	-	DATETIME
25057	0x61E1	2	Maximum Apparent power : S3	VA	U32
25059	0x61E3	2	Date of maximum S3	-	DATETIME
25061	0x61E5	1	Maximum Power factor : PF1	- / 1000	S16
25062	0x61E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
25063	0x61E7	2	Date of maximum PF1	-	DATETIME
25065	0x61E9	1	Maximum Power factor : PF2	- / 1000	S16
25066	0x61EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
25067	0x61EB	2	Date of maximum PF2	-	DATETIME
25069	0x61ED	1	Maximum Power factor : PF3	- / 1000	S16
25070	0x61EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
25071	0x61EF	2	Date of maximum PF3	-	DATETIME

Inst. measurement min - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19072	0x4A80	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type

19072	0x4A80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19073	0x4A81	2	Minimum Frequency	Hz / 1000	U32
19075	0x4A83	2	Date of minimum F	-	DATETIME
19077	0x4A85	2	Minimum Ph-N Voltage : V1	V / 100	U32
19079	0x4A87	2	Date of minimum V1	-	DATETIME
19081	0x4A89	2	Minimum Ph-N Voltage : V2	V / 100	U32
19083	0x4A8B	2	Date of minimum V2	-	DATETIME
19085	0x4A8D	2	Minimum Ph-N Voltage : V3	V / 100	U32
19087	0x4A8F	2	Date of minimum V3	-	DATETIME
19089	0x4A91	2	Minimum Ph-N Voltage : Vn	V / 100	U32
19091	0x4A93	2	Date of minimum Vn	-	DATETIME
19093	0x4A95	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
19095	0x4A97	2	Date of minimum U12	-	DATETIME
19097	0x4A99	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
19099	0x4A9B	2	Date of minimum U23	-	DATETIME
19101	0x4A9D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
19103	0x4A9F	2	Date of minimum U31	-	DATETIME
19105	0x4AA1	2	Minimum Current : I1	A / 1000	U32
19107	0x4AA3	2	Date of minimum I1	-	DATETIME
19109	0x4AA5	2	Minimum Current : I2	A / 1000	U32
19111	0x4AA7	2	Date of minimum I2	-	DATETIME
19113	0x4AA9	2	Minimum Current : I3	A / 1000	U32
19115	0x4AAB	2	Date of minimum I3	-	DATETIME
19117	0x4AAD	2	Minimum Current : In	A / 1000	U32
19119	0x4AAF	2	Date of minimum In	-	DATETIME
19121	0x4AB1	2	Minimum Total active power	W	S32
19123	0x4AB3	2	Date of minimum Ptot	-	DATETIME
19125	0x4AB5	2	Minimum Total reactive power	var	S32
19127	0x4AB7	2	Date of minimum Qtot	-	DATETIME
19129	0x4AB9	2	Minimum Total apparent power	VA	U32
19131	0x4ABB	2	Date of minimum Stot	-	DATETIME
19133	0x4ABD	1	Minimum Total power factor	- / 1000	S16
19134	0x4ABE	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
19135	0x4ABF	2	Date of minimum Total power factor	-	DATETIME
19137	0x4AC1	2	Minimum Active power : P1	W	S32
19139	0x4AC3	2	Date of minimum P1	-	DATETIME
19141	0x4AC5	2	Minimum Active power : P2	W	S32
19143	0x4AC7	2	Date of minimum P2	-	DATETIME
19145	0x4AC9	2	Minimum Active power : P3	W	S32
19147	0x4ACB	2	Date of minimum P3	-	DATETIME
19149	0x4ACD	2	Minimum Reactive power : Q1	var	S32
19151	0x4ACF	2	Date of minimum Q1	-	DATETIME
19153	0x4AD1	2	Minimum Reactive power : Q2	var	S32
19155	0x4AD3	2	Date of minimum Q2	-	DATETIME
19157	0x4AD5	2	Minimum Reactive power : Q3	var	S32
19159	0x4AD7	2	Date of minimum Q3	Hz / 1000	DATETIME
19161	0x4AD9	2	Minimum Apparent power : S1	VA	U32
19163	0x4ADB	2	Date of minimum S1	-	DATETIME
19165	0x4ADD	2	Minimum Apparent power : S2	VA	U32

Dec address	Hex address	Words count	Description	Unit	Data type
19167	0x4ADF	2	Date of minimum S2	-	DATETIME
19169	0x4AE1	2	Minimum Apparent power : S3	VA	U32
19171	0x4AE3	2	Date of minimum S3	-	DATETIME
19173	0x4AE5	1	Minimum Power factor : PF1	- / 1000	S16
19174	0x4AE6	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
19175	0x4AE7	2	Date of minimum PF1	-	DATETIME
19177	0x4AE9	1	Minimum Power factor : PF2	- / 1000	S16
19178	0x4AEA	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
19179	0x4AEB	2	Date of minimum PF2	-	DATETIME
19181	0x4AED	1	Minimum Power factor : PF3	- / 1000	S16
19182	0x4AEE	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
19183	0x4AEF	2	Date of minimum PF3	-	DATETIME

Inst. measurement min - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21120	0x5280	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21120	0x5280	1	Load status : 0 : Disabled 1 : Enabled	-	U8
21121	0x5281	2	Minimum Frequency	Hz / 1000	U32
21123	0x5283	2	Date of minimum F	-	DATETIME
21125	0x5285	2	Minimum Ph-N Voltage : V1	V / 100	U32
21127	0x5287	2	Date of minimum V1	-	DATETIME
21129	0x5289	2	Minimum Ph-N Voltage : V2	V / 100	U32
21131	0x528B	2	Date of minimum V2	-	DATETIME
21133	0x528D	2	Minimum Ph-N Voltage : V3	V / 100	U32
21135	0x528F	2	Date of minimum V3	-	DATETIME
21137	0x5291	2	Minimum Ph-N Voltage : Vn	V / 100	U32
21139	0x5293	2	Date of minimum Vn	-	DATETIME
21141	0x5295	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
21143	0x5297	2	Date of minimum U12	-	DATETIME
21145	0x5299	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
21147	0x529B	2	Date of minimum U23	-	DATETIME
21149	0x529D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
21151	0x529F	2	Date of minimum U31	-	DATETIME
21153	0x52A1	2	Minimum Current : I1	A / 1000	U32
21155	0x52A3	2	Date of minimum I1	-	DATETIME
21157	0x52A5	2	Minimum Current : I2	A / 1000	U32
21159	0x52A7	2	Date of minimum I2	-	DATETIME
21161	0x52A9	2	Minimum Current : I3	A / 1000	U32
21163	0x52AB	2	Date of minimum I3	-	DATETIME
21165	0x52AD	2	Minimum Current : In	A / 1000	U32

21167	0x52AF	2	Date of minimum In	-	DATETIME
21169	0x52B1	2	Minimum Total active power	W	S32
21171	0x52B3	2	Date of minimum Ptot	-	DATETIME
21173	0x52B5	2	Minimum Total reactive power	var	S32
21175	0x52B7	2	Date of minimum Qtot	-	DATETIME
21177	0x52B9	2	Minimum Total apparent power	VA	U32
21179	0x52BB	2	Date of minimum Stot	-	DATETIME
21181	0x52BD	1	Minimum Total power factor	- / 1000	S16
21182	0x52BE	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
21183	0x52BF	2	Date of minimum Total power factor	-	DATETIME
21185	0x52C1	2	Minimum Active power : P1	W	S32
21187	0x52C3	2	Date of minimum P1	-	DATETIME
21189	0x52C5	2	Minimum Active power : P2	W	S32
21191	0x52C7	2	Date of minimum P2	-	DATETIME
21193	0x52C9	2	Minimum Active power : P3	W	S32
21195	0x52CB	2	Date of minimum P3	-	DATETIME
21197	0x52CD	2	Minimum Reactive power : Q1	var	S32
21199	0x52CF	2	Date of minimum Q1	-	DATETIME
21201	0x52D1	2	Minimum Reactive power : Q2	var	S32
21203	0x52D3	2	Date of minimum Q2	-	DATETIME
21205	0x52D5	2	Minimum Reactive power : Q3	var	S32
21207	0x52D7	2	Date of minimum Q3	-	DATETIME
21209	0x52D9	2	Minimum Apparent power : S1	VA	U32
21211	0x52DB	2	Date of minimum S1	-	DATETIME
21213	0x52DD	2	Minimum Apparent power : S2	VA	U32
21215	0x52DF	2	Date of minimum S2	-	DATETIME
21217	0x52E1	2	Minimum Apparent power : S3	VA	U32
21219	0x52E3	2	Date of minimum S3	-	DATETIME
21221	0x52E5	1	Minimum Power factor : PF1	- / 1000	S16
21222	0x52E6	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
21223	0x52E7	2	Date of minimum PF1	-	DATETIME
21225	0x52E9	1	Minimum Power factor : PF2	- / 1000	S16
21226	0x52EA	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
21227	0x52EB	2	Date of minimum PF2	-	DATETIME
21229	0x52ED	1	Minimum Power factor : PF3	- / 1000	S16
21230	0x52EE	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
21231	0x52EF	2	Date of minimum PF3	-	DATETIME

Inst. measurement min - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23168	0x5A80	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23168	0x5A80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
23169	0x5A81	2	Minimum Frequency	Hz / 1000	U32
23171	0x5A83	2	Date of minimum F	-	DATETIME
23173	0x5A85	2	Minimum Ph-N Voltage : V1	V / 100	U32
23175	0x5A87	2	Date of minimum V1	-	DATETIME
23177	0x5A89	2	Minimum Ph-N Voltage : V2	V / 100	U32
23179	0x5A8B	2	Date of minimum V2	-	DATETIME
23181	0x5A8D	2	Minimum Ph-N Voltage : V3	V / 100	U32
23183	0x5A8F	2	Date of minimum V3	-	DATETIME
23185	0x5A91	2	Minimum Ph-N Voltage : Vn	V / 100	U32
23187	0x5A93	2	Date of minimum Vn	-	DATETIME
23189	0x5A95	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
23191	0x5A97	2	Date of minimum U12	-	DATETIME
23193	0x5A99	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
23195	0x5A9B	2	Date of minimum U23	-	DATETIME
23197	0x5A9D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
23199	0x5A9F	2	Date of minimum U31	-	DATETIME
23201	0x5AA1	2	Minimum Current : I1	A / 1000	U32
23203	0x5AA3	2	Date of minimum I1	-	DATETIME
23205	0x5AA5	2	Minimum Current : I2	A / 1000	U32
23207	0x5AA7	2	Date of minimum I2	-	DATETIME
23209	0x5AA9	2	Minimum Current : I3	A / 1000	U32
23211	0x5AAB	2	Date of minimum I3	-	DATETIME
23213	0x5AAD	2	Minimum Current : In	A / 1000	U32
23215	0x5AAF	2	Date of minimum In	-	DATETIME
23217	0x5AB1	2	Minimum Total active power	W	S32
23219	0x5AB3	2	Date of minimum Ptot	-	DATETIME
23221	0x5AB5	2	Minimum Total reactive power	var	S32
23223	0x5AB7	2	Date of minimum Qtot	-	DATETIME
23225	0x5AB9	2	Minimum Total apparent power	VA	U32
23227	0x5ABB	2	Date of minimum Stot	-	DATETIME
23229	0x5ABD	1	Minimum Total power factor	- / 1000	S16
23230	0x5ABE	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
23231	0x5ABF	2	Date of minimum Total power factor	-	DATETIME
23233	0x5AC1	2	Minimum Active power : P1	W	S32
23235	0x5AC3	2	Date of minimum P1	-	DATETIME
23237	0x5AC5	2	Minimum Active power : P2	W	S32
23239	0x5AC7	2	Date of minimum P2	-	DATETIME
23241	0x5AC9	2	Minimum Active power : P3	W	S32
23243	0x5ACB	2	Date of minimum P3	-	DATETIME
23245	0x5ACD	2	Minimum Reactive power : Q1	var	S32
23247	0x5ACF	2	Date of minimum Q1	-	DATETIME
23249	0x5AD1	2	Minimum Reactive power : Q2	var	S32
23251	0x5AD3	2	Date of minimum Q2	-	DATETIME
23253	0x5AD5	2	Minimum Reactive power : Q3	var	S32
23255	0x5AD7	2	Date of minimum Q3	-	DATETIME
23257	0x5AD9	2	Minimum Apparent power : S1	VA	U32

Dec address	Hex address	Words count	Description	Unit	Data type
23259	0x5ADB	2	Date of minimum S1	-	DATETIME
23261	0x5ADD	2	Minimum Apparent power : S2	VA	U32
23263	0x5ADF	2	Date of minimum S2	-	DATETIME
23265	0x5AE1	2	Minimum Apparent power : S3	VA	U32
23267	0x5AE3	2	Date of minimum S3	-	DATETIME
23269	0x5AE5	1	Minimum Power factor : PF1	- / 1000	S16
23270	0x5AE6	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
23271	0x5AE7	2	Date of minimum PF1	-	DATETIME
23273	0x5AE9	1	Minimum Power factor : PF2	- / 1000	S16
23274	0x5AEA	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
23275	0x5AEB	2	Date of minimum PF2	-	DATETIME
23277	0x5AED	1	Minimum Power factor : PF3	- / 1000	S16
23278	0x5AEE	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
23279	0x5AEF	2	Date of minimum PF3	-	DATETIME

Inst. measurement min - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25216	0x6280	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25216	0x6280	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25217	0x6281	2	Minimum Frequency	Hz / 1000	U32
25219	0x6283	2	Date of minimum F	-	DATETIME
25221	0x6285	2	Minimum Ph-N Voltage : V1	V / 100	U32
25223	0x6287	2	Date of minimum V1	-	DATETIME
25225	0x6289	2	Minimum Ph-N Voltage : V2	V / 100	U32
25227	0x628B	2	Date of minimum V2	-	DATETIME
25229	0x628D	2	Minimum Ph-N Voltage : V3	V / 100	U32
25231	0x628F	2	Date of minimum V3	-	DATETIME
25233	0x6291	2	Minimum Ph-N Voltage : Vn	V / 100	U32
25235	0x6293	2	Date of minimum Vn	-	DATETIME
25237	0x6295	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
25239	0x6297	2	Date of minimum U12	-	DATETIME
25241	0x6299	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
25243	0x629B	2	Date of minimum U23	-	DATETIME
25245	0x629D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
25247	0x629F	2	Date of minimum U31	-	DATETIME
25249	0x62A1	2	Minimum Current : I1	A / 1000	U32
25251	0x62A3	2	Date of minimum I1	-	DATETIME
25253	0x62A5	2	Minimum Current : I2	A / 1000	U32
25255	0x62A7	2	Date of minimum I2	-	DATETIME
25257	0x62A9	2	Minimum Current : I3	A / 1000	U32

25259	0x62AB	2	Date of minimum I3	-	DATETIME
25261	0x62AD	2	Minimum Current : In	A / 1000	U32
25263	0x62AF	2	Date of minimum In	-	DATETIME
25265	0x62B1	2	Minimum Total active power	W	S32
25267	0x62B3	2	Date of minimum Ptot	-	DATETIME
25269	0x62B5	2	Minimum Total reactive power	var	S32
25271	0x62B7	2	Date of minimum Qtot	-	DATETIME
25273	0x62B9	2	Minimum Total apparent power	VA	U32
25275	0x62BB	2	Date of minimum Stot	-	DATETIME
25277	0x62BD	1	Minimum Total power factor	- / 1000	S16
25278	0x62BE	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
25279	0x62BF	2	Date of minimum Total power factor	-	DATETIME
25281	0x62C1	2	Minimum Active power : P1	W	S32
25283	0x62C3	2	Date of minimum P1	-	DATETIME
25285	0x62C5	2	Minimum Active power : P2	W	S32
25287	0x62C7	2	Date of minimum P2	-	DATETIME
25289	0x62C9	2	Minimum Active power : P3	W	S32
25291	0x62CB	2	Date of minimum P3	-	DATETIME
25293	0x62CD	2	Minimum Reactive power : Q1	var	S32
25295	0x62CF	2	Date of minimum Q1	-	DATETIME
25297	0x62D1	2	Minimum Reactive power : Q2	var	S32
25299	0x62D3	2	Date of minimum Q2	-	DATETIME
25301	0x62D5	2	Minimum Reactive power : Q3	var	S32
25303	0x62D7	2	Date of minimum Q3	-	DATETIME
25305	0x62D9	2	Minimum Apparent power : S1	VA	U32
25307	0x62DB	2	Date of minimum S1	-	DATETIME
25309	0x62DD	2	Minimum Apparent power : S2	VA	U32
25311	0x62DF	2	Date of minimum S2	-	DATETIME
25313	0x62E1	2	Minimum Apparent power : S3	VA	U32
25315	0x62E3	2	Date of minimum S3	-	DATETIME
25317	0x62E5	1	Minimum Power factor : PF1	- / 1000	S16
25318	0x62E6	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
25319	0x62E7	2	Date of minimum PF1	-	DATETIME
25321	0x62E9	1	Minimum Power factor : PF2	- / 1000	S16
25322	0x62EA	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
25323	0x62EB	2	Date of minimum PF2	-	DATETIME
25325	0x62ED	1	Minimum Power factor : PF3	- / 1000	S16
25326	0x62EE	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
25327	0x62EF	2	Date of minimum PF3	-	DATETIME

Avg. measurement max - Load #1

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

19328	0x4B80	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19328	0x4B80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19329	0x4B81	2	Maximum Frequency	Hz / 1000	U32
19331	0x4B83	2	Date of maximum F	-	DATETIME
19333	0x4B85	2	Maximum Ph-N Voltage : V1	V / 100	U32
19335	0x4B87	2	Date of maximum V1	-	DATETIME
19337	0x4B89	2	Maximum Ph-N Voltage : V2	V / 100	U32
19339	0x4B8B	2	Date of maximum V2	-	DATETIME
19341	0x4B8D	2	Maximum Ph-N Voltage : V3	V / 100	U32
19343	0x4B8F	2	Date of maximum V3	-	DATETIME
19345	0x4B91	2	Maximum Ph-N Voltage : Vn	V / 100	U32
19347	0x4B93	2	Date of maximum Vn	-	DATETIME
19349	0x4B95	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
19351	0x4B97	2	Date of maximum U12	-	DATETIME
19353	0x4B99	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
19355	0x4B9B	2	Date of maximum U23	-	DATETIME
19357	0x4B9D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
19359	0x4B9F	2	Date of maximum U31	-	DATETIME
19361	0x4BA1	2	Maximum Current : I1	A / 1000	U32
19363	0x4BA3	2	Date of maximum I1	-	DATETIME
19365	0x4BA5	2	Maximum Current : I2	A / 1000	U32
19367	0x4BA7	2	Date of maximum I2	-	DATETIME
19369	0x4BA9	2	Maximum Current : I3	A / 1000	U32
19371	0x4BAB	2	Date of maximum I3	-	DATETIME
19373	0x4BAD	2	Maximum Current : In	A / 1000	U32
19375	0x4BAF	2	Date of maximum In	-	DATETIME
19377	0x4BB1	2	Maximum Total active power	W	S32
19379	0x4BB3	2	Date of maximum Ptot	-	DATETIME
19381	0x4BB5	2	Maximum Total reactive power	var	S32
19383	0x4BB7	2	Date of maximum Qtot	-	DATETIME
19385	0x4BB9	2	Maximum Total apparent power	VA	U32
19387	0x4BBB	2	Date of maximum Stot	-	DATETIME
19389	0x4BBD	1	Maximum Total power factor	- / 1000	S16
19390	0x4BBE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
19391	0x4BBF	2	Date of maximum Total power factor	-	DATETIME
19393	0x4BC1	2	Maximum Active power : P1	W	S32
19395	0x4BC3	2	Date of maximum P1	-	DATETIME
19397	0x4BC5	2	Maximum Active power : P2	W	S32
19399	0x4BC7	2	Date of maximum P2	-	DATETIME
19401	0x4BC9	2	Maximum Active power : P3	W	S32
19403	0x4BCB	2	Date of maximum P3	-	DATETIME
19405	0x4BCD	2	Maximum Reactive power : Q1	var	S32
19407	0x4BCF	2	Date of maximum Q1	-	DATETIME
19409	0x4BD1	2	Maximum Reactive power : Q2	var	S32
19411	0x4BD3	2	Date of maximum Q2	-	DATETIME
19413	0x4BD5	2	Maximum Reactive power : Q3	var	S32

19415	0x4BD7	2	Date of maximum Q3	-	DATETIME
19417	0x4BD9	2	Maximum Apparent power : S1	VA	U32
19419	0x4BDB	2	Date of maximum S1	-	DATETIME
19421	0x4BDD	2	Maximum Apparent power : S2	VA	U32
19423	0x4BDF	2	Date of maximum S2	-	DATETIME
19425	0x4BE1	2	Maximum Apparent power : S3	VA	U32
19427	0x4BE3	2	Date of maximum S3	-	DATETIME
19429	0x4BE5	1	Maximum Power factor : PF1	- / 1000	S16
19430	0x4BE6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
19431	0x4BE7	2	Date of maximum PF1	-	DATETIME
19433	0x4BE9	1	Maximum Power factor : PF2	- / 1000	S16
19434	0x4BEA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
19435	0x4BEB	2	Date of maximum PF2	-	DATETIME
19437	0x4BED	1	Maximum Power factor : PF3	- / 1000	S16
19438	0x4BEE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
19439	0x4BEF	2	Date of maximum PF3	-	DATETIME

Avg. measurement max - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21376	0x5380	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21376	0x5380	1	Load status : 0 : Disabled 1 : Enabled	-	U8
21377	0x5381	2	Maximum Frequency	Hz / 1000	U32
21379	0x5383	2	Date of maximum F	-	DATETIME
21381	0x5385	2	Maximum Ph-N Voltage : V1	V / 100	U32
21383	0x5387	2	Date of maximum V1	-	DATETIME
21385	0x5389	2	Maximum Ph-N Voltage : V2	V / 100	U32
21387	0x538B	2	Date of maximum V2	-	DATETIME
21389	0x538D	2	Maximum Ph-N Voltage : V3	V / 100	U32
21391	0x538F	2	Date of maximum V3	-	DATETIME
21393	0x5391	2	Maximum Ph-N Voltage : Vn	V / 100	U32
21395	0x5393	2	Date of maximum Vn	-	DATETIME
21397	0x5395	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
21399	0x5397	2	Date of maximum U12	-	DATETIME
21401	0x5399	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
21403	0x539B	2	Date of maximum U23	-	DATETIME
21405	0x539D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
21407	0x539F	2	Date of maximum U31	-	DATETIME
21409	0x53A1	2	Maximum Current : I1	A / 1000	U32
21411	0x53A3	2	Date of maximum I1	-	DATETIME
21413	0x53A5	2	Maximum Current : I2	A / 1000	U32

21415	0x53A7	2	Date of maximum I2	-	DATETIME
21417	0x53A9	2	Maximum Current : I3	A / 1000	U32
21419	0x53AB	2	Date of maximum I3	-	DATETIME
21421	0x53AD	2	Maximum Current : In	A / 1000	U32
21423	0x53AF	2	Date of maximum In	-	DATETIME
21425	0x53B1	2	Maximum Total active power	W	S32
21427	0x53B3	2	Date of maximum Ptot	-	DATETIME
21429	0x53B5	2	Maximum Total reactive power	var	S32
21431	0x53B7	2	Date of maximum Qtot	-	DATETIME
21433	0x53B9	2	Maximum Total apparent power	VA	U32
21435	0x53BB	2	Date of maximum Stot	-	DATETIME
21437	0x53BD	1	Maximum Total power factor	- / 1000	S16
21438	0x53BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
21439	0x53BF	2	Date of maximum Total power factor	-	DATETIME
21441	0x53C1	2	Maximum Active power : P1	W	S32
21443	0x53C3	2	Date of maximum P1	-	DATETIME
21445	0x53C5	2	Maximum Active power : P2	W	S32
21447	0x53C7	2	Date of maximum P2	-	DATETIME
21449	0x53C9	2	Maximum Active power : P3	W	S32
21451	0x53CB	2	Date of maximum P3	-	DATETIME
21453	0x53CD	2	Maximum Reactive power : Q1	var	S32
21455	0x53CF	2	Date of maximum Q1	-	DATETIME
21457	0x53D1	2	Maximum Reactive power : Q2	var	S32
21459	0x53D3	2	Date of maximum Q2	-	DATETIME
21461	0x53D5	2	Maximum Reactive power : Q3	var	S32
21463	0x53D7	2	Date of maximum Q3	-	DATETIME
21465	0x53D9	2	Maximum Apparent power : S1	VA	U32
21467	0x53DB	2	Date of maximum S1	-	DATETIME
21469	0x53DD	2	Maximum Apparent power : S2	VA	U32
21471	0x53DF	2	Date of maximum S2	-	DATETIME
21473	0x53E1	2	Maximum Apparent power : S3	VA	U32
21475	0x53E3	2	Date of maximum S3	-	DATETIME
21477	0x53E5	1	Maximum Power factor : PF1	- / 1000	S16
21478	0x53E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
21479	0x53E7	2	Date of maximum PF1	-	DATETIME
21481	0x53E9	1	Maximum Power factor : PF2	- / 1000	S16
21482	0x53EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
21483	0x53EB	2	Date of maximum PF2	-	DATETIME
21485	0x53ED	1	Maximum Power factor : PF3	- / 1000	S16
21486	0x53EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
21487	0x53EF	2	Date of maximum PF3	-	DATETIME

Avg. measurement max - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23424	0x5B80	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23424	0x5B80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
23425	0x5B81	2	Maximum Frequency	Hz / 1000	U32
23427	0x5B83	2	Date of maximum F	-	DATETIME
23429	0x5B85	2	Maximum Ph-N Voltage : V1	V / 100	U32
23431	0x5B87	2	Date of maximum V1	-	DATETIME
23433	0x5B89	2	Maximum Ph-N Voltage : V2	V / 100	U32
23435	0x5B8B	2	Date of maximum V2	-	DATETIME
23437	0x5B8D	2	Maximum Ph-N Voltage : V3	V / 100	U32
23439	0x5B8F	2	Date of maximum V3	-	DATETIME
23441	0x5B91	2	Maximum Ph-N Voltage : Vn	V / 100	U32
23443	0x5B93	2	Date of maximum Vn	-	DATETIME
23445	0x5B95	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
23447	0x5B97	2	Date of maximum U12	-	DATETIME
23449	0x5B99	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
23451	0x5B9B	2	Date of maximum U23	-	DATETIME
23453	0x5B9D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
23455	0x5B9F	2	Date of maximum U31	-	DATETIME
23457	0x5BA1	2	Maximum Current : I1	A / 1000	U32
23459	0x5BA3	2	Date of maximum I1	-	DATETIME
23461	0x5BA5	2	Maximum Current : I2	A / 1000	U32
23463	0x5BA7	2	Date of maximum I2	-	DATETIME
23465	0x5BA9	2	Maximum Current : I3	A / 1000	U32
23467	0x5BAB	2	Date of maximum I3	-	DATETIME
23469	0x5BAD	2	Maximum Current : In	A / 1000	U32
23471	0x5BAF	2	Date of maximum In	-	DATETIME
23473	0x5BB1	2	Maximum Total active power	W	S32
23475	0x5BB3	2	Date of maximum Ptot	-	DATETIME
23477	0x5BB5	2	Maximum Total reactive power	var	S32
23479	0x5BB7	2	Date of maximum Qtot	-	DATETIME
23481	0x5BB9	2	Maximum Total apparent power	VA	U32
23483	0x5BBB	2	Date of maximum Stot	-	DATETIME
23485	0x5BBD	1	Maximum Total power factor	- / 1000	S16
23486	0x5BBE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
23487	0x5BBF	2	Date of maximum Total power factor	-	DATETIME
23489	0x5BC1	2	Maximum Active power : P1	W	S32
23491	0x5BC3	2	Date of maximum P1	-	DATETIME
23493	0x5BC5	2	Maximum Active power : P2	W	S32
23495	0x5BC7	2	Date of maximum P2	-	DATETIME
23497	0x5BC9	2	Maximum Active power : P3	W	S32
23499	0x5BCB	2	Date of maximum P3	-	DATETIME
23501	0x5BCD	2	Maximum Reactive power : Q1	var	S32
23503	0x5BCF	2	Date of maximum Q1	-	DATETIME

Dec address	Hex address	Words count	Description	Unit	Data type
23505	0x5BD1	2	Maximum Reactive power : Q2	var	S32
23507	0x5BD3	2	Date of maximum Q2	-	DATETIME
23509	0x5BD5	2	Maximum Reactive power : Q3	var	S32
23511	0x5BD7	2	Date of maximum Q3	-	DATETIME
23513	0x5BD9	2	Maximum Apparent power : S1	VA	U32
23515	0x5BDB	2	Date of maximum S1	-	DATETIME
23517	0x5BDD	2	Maximum Apparent power : S2	VA	U32
23519	0x5BDF	2	Date of maximum S2	-	DATETIME
23521	0x5BE1	2	Maximum Apparent power : S3	VA	U32
23523	0x5BE3	2	Date of maximum S3	-	DATETIME
23525	0x5BE5	1	Maximum Power factor : PF1	- / 1000	S16
23526	0x5BE6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
23527	0x5BE7	2	Date of maximum PF1	-	DATETIME
23529	0x5BE9	1	Maximum Power factor : PF2	- / 1000	S16
23530	0x5BEA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
23531	0x5BEB	2	Date of maximum PF2	-	DATETIME
23533	0x5BED	1	Maximum Power factor : PF3	- / 1000	S16
23534	0x5BEE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
23535	0x5BEF	2	Date of maximum PF3	-	DATETIME

Avg. measurement max - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25472	0x6380	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25472	0x6380	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25473	0x6381	2	Maximum Frequency	Hz / 1000	U32
25475	0x6383	2	Date of maximum F	-	DATETIME
25477	0x6385	2	Maximum Ph-N Voltage : V1	V / 100	U32
25479	0x6387	2	Date of maximum V1	-	DATETIME
25481	0x6389	2	Maximum Ph-N Voltage : V2	V / 100	U32
25483	0x638B	2	Date of maximum V2	-	DATETIME
25485	0x638D	2	Maximum Ph-N Voltage : V3	V / 100	U32
25487	0x638F	2	Date of maximum V3	-	DATETIME
25489	0x6391	2	Maximum Ph-N Voltage : Vn	V / 100	U32
25491	0x6393	2	Date of maximum Vn	-	DATETIME
25493	0x6395	2	Maximum Ph-Ph Voltage : U12	V / 100	U32
25495	0x6397	2	Date of maximum U12	-	DATETIME
25497	0x6399	2	Maximum Ph-Ph Voltage : U23	V / 100	U32
25499	0x639B	2	Date of maximum U23	-	DATETIME
25501	0x639D	2	Maximum Ph-Ph Voltage : U31	V / 100	U32
25503	0x639F	2	Date of maximum U31	-	DATETIME

25505	0x63A1	2	Maximum Current : I1	A / 1000	U32
25507	0x63A3	2	Date of maximum I1	-	DATETIME
25509	0x63A5	2	Maximum Current : I2	A / 1000	U32
25511	0x63A7	2	Date of maximum I2	-	DATETIME
25513	0x63A9	2	Maximum Current : I3	A / 1000	U32
25515	0x63AB	2	Date of maximum I3	-	DATETIME
25517	0x63AD	2	Maximum Current : In	A / 1000	U32
25519	0x63AF	2	Date of maximum In	-	DATETIME
25521	0x63B1	2	Maximum Total active power	W	S32
25523	0x63B3	2	Date of maximum Ptot	-	DATETIME
25525	0x63B5	2	Maximum Total reactive power	var	S32
25527	0x63B7	2	Date of maximum Qtot	-	DATETIME
25529	0x63B9	2	Maximum Total apparent power	VA	U32
25531	0x63BB	2	Date of maximum Stot	-	DATETIME
25533	0x63BD	1	Maximum Total power factor	- / 1000	S16
25534	0x63BE	1	Maximum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
25535	0x63BF	2	Date of maximum Total power factor	-	DATETIME
25537	0x63C1	2	Maximum Active power : P1	W	S32
25539	0x63C3	2	Date of maximum P1	-	DATETIME
25541	0x63C5	2	Maximum Active power : P2	W	S32
25543	0x63C7	2	Date of maximum P2	-	DATETIME
25545	0x63C9	2	Maximum Active power : P3	W	S32
25547	0x63CB	2	Date of maximum P3	-	DATETIME
25549	0x63CD	2	Maximum Reactive power : Q1	var	S32
25551	0x63CF	2	Date of maximum Q1	-	DATETIME
25553	0x63D1	2	Maximum Reactive power : Q2	var	S32
25555	0x63D3	2	Date of maximum Q2	-	DATETIME
25557	0x63D5	2	Maximum Reactive power : Q3	var	S32
25559	0x63D7	2	Date of maximum Q3	-	DATETIME
25561	0x63D9	2	Maximum Apparent power : S1	VA	U32
25563	0x63DB	2	Date of maximum S1	-	DATETIME
25565	0x63DD	2	Maximum Apparent power : S2	VA	U32
25567	0x63DF	2	Date of maximum S2	-	DATETIME
25569	0x63E1	2	Maximum Apparent power : S3	VA	U32
25571	0x63E3	2	Date of maximum S3	-	DATETIME
25573	0x63E5	1	Maximum Power factor : PF1	- / 1000	S16
25574	0x63E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
25575	0x63E7	2	Date of maximum PF1	-	DATETIME
25577	0x63E9	1	Maximum Power factor : PF2	- / 1000	S16
25578	0x63EA	1	Maximum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
25579	0x63EB	2	Date of maximum PF2	-	DATETIME
25581	0x63ED	1	Maximum Power factor : PF3	- / 1000	S16
25582	0x63EE	1	Maximum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8

	25583	0x63EF	2	Date of maximum PF3	-	DATETIME

Avg. measurement min - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19456	0x4C00	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19456	0x4C00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19457	0x4C01	2	Minimum Frequency	Hz / 1000	U32
19459	0x4C03	2	Date of minimum F	-	DATETIME
19461	0x4C05	2	Minimum Ph-N Voltage : V1	V / 100	U32
19463	0x4C07	2	Date of minimum V1	-	DATETIME
19465	0x4C09	2	Minimum Ph-N Voltage : V2	V / 100	U32
19467	0x4C0B	2	Date of minimum V2	-	DATETIME
19469	0x4C0D	2	Minimum Ph-N Voltage : V3	V / 100	U32
19471	0x4C0F	2	Date of minimum V3	-	DATETIME
19473	0x4C11	2	Minimum Ph-N Voltage : Vn	V / 100	U32
19475	0x4C13	2	Date of minimum Vn	-	DATETIME
19477	0x4C15	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
19479	0x4C17	2	Date of minimum U12	-	DATETIME
19481	0x4C19	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
19483	0x4C1B	2	Date of minimum U23	-	DATETIME
19485	0x4C1D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
19487	0x4C1F	2	Date of minimum U31	-	DATETIME
19489	0x4C21	2	Minimum Current : I1	A / 1000	U32
19491	0x4C23	2	Date of minimum I1	-	DATETIME
19493	0x4C25	2	Minimum Current : I2	A / 1000	U32
19495	0x4C27	2	Date of minimum I2	-	DATETIME
19497	0x4C29	2	Minimum Current : I3	A / 1000	U32
19499	0x4C2B	2	Date of minimum I3	-	DATETIME
19501	0x4C2D	2	Minimum Current : In	A / 1000	U32
19503	0x4C2F	2	Date of minimum In	-	DATETIME
19505	0x4C31	2	Minimum Total active power	W	S32
19507	0x4C33	2	Date of minimum Ptot	-	DATETIME
19509	0x4C35	2	Minimum Total reactive power	var	S32
19511	0x4C37	2	Date of minimum Qtot	-	DATETIME
19513	0x4C39	2	Minimum Total apparent power	VA	U32
19515	0x4C3B	2	Date of minimum Stot	-	DATETIME
19517	0x4C3D	1	Minimum Total power factor	- / 1000	S16
19518	0x4C3E	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
19519	0x4C3F	2	Date of minimum Total power factor	-	DATETIME
19521	0x4C41	2	Minimum Active power : P1	W	S32
19523	0x4C43	2	Date of minimum P1	-	DATETIME
19525	0x4C45	2	Minimum Active power : P2	W	S32
19527	0x4C47	2	Date of minimum P2	-	DATETIME
19529	0x4C49	2	Minimum Active power : P3	W	S32

19531	0x4C4B	2	Date of minimum P3	-	DATETIME
19533	0x4C4D	2	Minimum Reactive power : Q1	var	S32
19535	0x4C4F	2	Date of minimum Q1	-	DATETIME
19537	0x4C51	2	Minimum Reactive power : Q2	var	S32
19539	0x4C53	2	Date of minimum Q2	-	DATETIME
19541	0x4C55	2	Minimum Reactive power : Q3	var	S32
19543	0x4C57	2	Date of minimum Q3	-	DATETIME
19545	0x4C59	2	Minimum Apparent power : S1	VA	U32
19547	0x4C5B	2	Date of minimum S1	-	DATETIME
19549	0x4C5D	2	Minimum Apparent power : S2	VA	U32
19551	0x4C5F	2	Date of minimum S2	-	DATETIME
19553	0x4C61	2	Minimum Apparent power : S3	VA	U32
19555	0x4C63	2	Date of minimum S3	-	DATETIME
19557	0x4C65	1	Minimum Power factor : PF1	- / 1000	S16
19558	0x4C66	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
19559	0x4C67	2	Date of minimum PF1	-	DATETIME
19561	0x4C69	1	Minimum Power factor : PF2	- / 1000	S16
19562	0x4C6A	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
19563	0x4C6B	2	Date of minimum PF2	-	DATETIME
19565	0x4C6D	1	Minimum Power factor : PF3	- / 1000	S16
19566	0x4C6E	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
19567	0x4C6F	2	Date of minimum PF3	-	DATETIME

Avg. measurement min - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21504	0x5400	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21504	0x5400	1	Load status : 0 : Disabled 1 : Enabled	-	U8
21505	0x5401	2	Minimum Frequency	Hz / 1000	U32
21507	0x5403	2	Date of minimum F	-	DATETIME
21509	0x5405	2	Minimum Ph-N Voltage : V1	V / 100	U32
21511	0x5407	2	Date of minimum V1	-	DATETIME
21513	0x5409	2	Minimum Ph-N Voltage : V2	V / 100	U32
21515	0x540B	2	Date of minimum V2	-	DATETIME
21517	0x540D	2	Minimum Ph-N Voltage : V3	V / 100	U32
21519	0x540F	2	Date of minimum V3	-	DATETIME
21521	0x5411	2	Minimum Ph-N Voltage : Vn	V / 100	U32
21523	0x5413	2	Date of minimum Vn	-	DATETIME
21525	0x5415	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
21527	0x5417	2	Date of minimum U12	-	DATETIME
21529	0x5419	2	Minimum Ph-Ph Voltage : U23	V / 100	U32

21531	0x541B	2	Date of minimum U23	-	DATETIME
21533	0x541D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
21535	0x541F	2	Date of minimum U31	-	DATETIME
21537	0x5421	2	Minimum Current : I1	A / 1000	U32
21539	0x5423	2	Date of minimum I1	-	DATETIME
21541	0x5425	2	Minimum Current : I2	A / 1000	U32
21543	0x5427	2	Date of minimum I2	-	DATETIME
21545	0x5429	2	Minimum Current : I3	A / 1000	U32
21547	0x542B	2	Date of minimum I3	-	DATETIME
21549	0x542D	2	Minimum Current : In	A / 1000	U32
21551	0x542F	2	Date of minimum In	-	DATETIME
21553	0x5431	2	Minimum Total active power	W	S32
21555	0x5433	2	Date of minimum Ptot	-	DATETIME
21557	0x5435	2	Minimum Total reactive power	var	S32
21559	0x5437	2	Date of minimum Qtot	-	DATETIME
21561	0x5439	2	Minimum Total apparent power	VA	U32
21563	0x543B	2	Date of minimum Stot	-	DATETIME
21565	0x543D	1	Minimum Total power factor	- / 1000	S16
21566	0x543E	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
21567	0x543F	2	Date of minimum Total power factor	-	DATETIME
21569	0x5441	2	Minimum Active power : P1	W	S32
21571	0x5443	2	Date of minimum P1	-	DATETIME
21573	0x5445	2	Minimum Active power : P2	W	S32
21575	0x5447	2	Date of minimum P2	-	DATETIME
21577	0x5449	2	Minimum Active power : P3	W	S32
21579	0x544B	2	Date of minimum P3	-	DATETIME
21581	0x544D	2	Minimum Reactive power : Q1	var	S32
21583	0x544F	2	Date of minimum Q1	-	DATETIME
21585	0x5451	2	Minimum Reactive power : Q2	var	S32
21587	0x5453	2	Date of minimum Q2	-	DATETIME
21589	0x5455	2	Minimum Reactive power : Q3	var	S32
21591	0x5457	2	Date of minimum Q3	-	DATETIME
21593	0x5459	2	Minimum Apparent power : S1	VA	U32
21595	0x545B	2	Date of minimum S1	-	DATETIME
21597	0x545D	2	Minimum Apparent power : S2	VA	U32
21599	0x545F	2	Date of minimum S2	-	DATETIME
21601	0x5461	2	Minimum Apparent power : S3	VA	U32
21603	0x5463	2	Date of minimum S3	-	DATETIME
21605	0x5465	1	Minimum Power factor : PF1	- / 1000	S16
21606	0x5466	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
21607	0x5467	2	Date of minimum PF1	-	DATETIME
21609	0x5469	1	Minimum Power factor : PF2	- / 1000	S16
21610	0x546A	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
21611	0x546B	2	Date of minimum PF2	-	DATETIME
21613	0x546D	1	Minimum Power factor : PF3	- / 1000	S16
			Minimum Power factor type : sPF3		

21614	0x546E	1	0 : undefined 1 : leading 2 : lagging	-	U8
21615	0x546F	2	Date of minimum PF3	-	DATETIME

Avg. measurement min - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23552	0x5C00	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23552	0x5C00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
23553	0x5C01	2	Minimum Frequency	Hz / 1000	U32
23555	0x5C03	2	Date of minimum F	-	DATETIME
23557	0x5C05	2	Minimum Ph-N Voltage : V1	V / 100	U32
23559	0x5C07	2	Date of minimum V1	-	DATETIME
23561	0x5C09	2	Minimum Ph-N Voltage : V2	V / 100	U32
23563	0x5C0B	2	Date of minimum V2	-	DATETIME
23565	0x5C0D	2	Minimum Ph-N Voltage : V3	V / 100	U32
23567	0x5C0F	2	Date of minimum V3	-	DATETIME
23569	0x5C11	2	Minimum Ph-N Voltage : Vn	V / 100	U32
23571	0x5C13	2	Date of minimum Vn	-	DATETIME
23573	0x5C15	2	Minimum Ph-Ph Voltage : U12	V / 100	U32
23575	0x5C17	2	Date of minimum U12	-	DATETIME
23577	0x5C19	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
23579	0x5C1B	2	Date of minimum U23	-	DATETIME
23581	0x5C1D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
23583	0x5C1F	2	Date of minimum U31	-	DATETIME
23585	0x5C21	2	Minimum Current : I1	A / 1000	U32
23587	0x5C23	2	Date of minimum I1	-	DATETIME
23589	0x5C25	2	Minimum Current : I2	A / 1000	U32
23591	0x5C27	2	Date of minimum I2	-	DATETIME
23593	0x5C29	2	Minimum Current : I3	A / 1000	U32
23595	0x5C2B	2	Date of minimum I3	-	DATETIME
23597	0x5C2D	2	Minimum Current : In	A / 1000	U32
23599	0x5C2F	2	Date of minimum In	-	DATETIME
23601	0x5C31	2	Minimum Total active power	W	S32
23603	0x5C33	2	Date of minimum Ptot	-	DATETIME
23605	0x5C35	2	Minimum Total reactive power	var	S32
23607	0x5C37	2	Date of minimum Qtot	-	DATETIME
23609	0x5C39	2	Minimum Total apparent power	VA	U32
23611	0x5C3B	2	Date of minimum Stot	-	DATETIME
23613	0x5C3D	1	Minimum Total power factor	- / 1000	S16
23614	0x5C3E	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
23615	0x5C3F	2	Date of minimum Total power factor	-	DATETIME
23617	0x5C41	2	Minimum Active power : P1	W	S32
23619	0x5C43	2	Date of minimum P1	-	DATETIME
23621	0x5C45	2	Minimum Active power : P2	W	S32

Dec address	Hex address	Words count	Description	Unit	Data type
23623	0x5C47	2	Date of minimum P2	-	DATETIME
23625	0x5C49	2	Minimum Active power : P3	W	S32
23627	0x5C4B	2	Date of minimum P3	-	DATETIME
23629	0x5C4D	2	Minimum Reactive power : Q1	var	S32
23631	0x5C4F	2	Date of minimum Q1	-	DATETIME
23633	0x5C51	2	Minimum Reactive power : Q2	var	S32
23635	0x5C53	2	Date of minimum Q2	-	DATETIME
23637	0x5C55	2	Minimum Reactive power : Q3	var	S32
23639	0x5C57	2	Date of minimum Q3	-	DATETIME
23641	0x5C59	2	Minimum Apparent power : S1	VA	U32
23643	0x5C5B	2	Date of minimum S1	-	DATETIME
23645	0x5C5D	2	Minimum Apparent power : S2	VA	U32
23647	0x5C5F	2	Date of minimum S2	-	DATETIME
23649	0x5C61	2	Minimum Apparent power : S3	VA	U32
23651	0x5C63	2	Date of minimum S3	-	DATETIME
23653	0x5C65	1	Minimum Power factor : PF1	- / 1000	S16
23654	0x5C66	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
23655	0x5C67	2	Date of minimum PF1	-	DATETIME
23657	0x5C69	1	Minimum Power factor : PF2	- / 1000	S16
23658	0x5C6A	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
23659	0x5C6B	2	Date of minimum PF2	-	DATETIME
23661	0x5C6D	1	Minimum Power factor : PF3	- / 1000	S16
23662	0x5C6E	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
23663	0x5C6F	2	Date of minimum PF3	-	DATETIME

Avg. measurement min - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25600	0x6400	Info	113	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25600	0x6400	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25601	0x6401	2	Minimum Frequency	Hz / 1000	U32
25603	0x6403	2	Date of minimum F	-	DATETIME
25605	0x6405	2	Minimum Ph-N Voltage : V1	V / 100	U32
25607	0x6407	2	Date of minimum V1	-	DATETIME
25609	0x6409	2	Minimum Ph-N Voltage : V2	V / 100	U32
25611	0x640B	2	Date of minimum V2	-	DATETIME
25613	0x640D	2	Minimum Ph-N Voltage : V3	V / 100	U32
25615	0x640F	2	Date of minimum V3	-	DATETIME
25617	0x6411	2	Minimum Ph-N Voltage : Vn	V / 100	U32
25619	0x6413	2	Date of minimum Vn	-	DATETIME
25621	0x6415	2	Minimum Ph-Ph Voltage : U12	V / 100	U32

25623	0x6417	2	Date of minimum U12	-	DATETIME
25625	0x6419	2	Minimum Ph-Ph Voltage : U23	V / 100	U32
25627	0x641B	2	Date of minimum U23	-	DATETIME
25629	0x641D	2	Minimum Ph-Ph Voltage : U31	V / 100	U32
25631	0x641F	2	Date of minimum U31	-	DATETIME
25633	0x6421	2	Minimum Current : I1	A / 1000	U32
25635	0x6423	2	Date of minimum I1	-	DATETIME
25637	0x6425	2	Minimum Current : I2	A / 1000	U32
25639	0x6427	2	Date of minimum I2	-	DATETIME
25641	0x6429	2	Minimum Current : I3	A / 1000	U32
25643	0x642B	2	Date of minimum I3	-	DATETIME
25645	0x642D	2	Minimum Current : In	A / 1000	U32
25647	0x642F	2	Date of minimum In	-	DATETIME
25649	0x6431	2	Minimum Total active power	W	S32
25651	0x6433	2	Date of minimum Ptot	-	DATETIME
25653	0x6435	2	Minimum Total reactive power	var	S32
25655	0x6437	2	Date of minimum Qtot	-	DATETIME
25657	0x6439	2	Minimum Total apparent power	VA	U32
25659	0x643B	2	Date of minimum Stot	-	DATETIME
25661	0x643D	1	Minimum Total power factor	- / 1000	S16
25662	0x643E	1	Minimum Total Power factor type 0 : undefined 1 : leading 2 : lagging	-	U8
25663	0x643F	2	Date of minimum Total power factor	-	DATETIME
25665	0x6441	2	Minimum Active power : P1	W	S32
25667	0x6443	2	Date of minimum P1	-	DATETIME
25669	0x6445	2	Minimum Active power : P2	W	S32
25671	0x6447	2	Date of minimum P2	-	DATETIME
25673	0x6449	2	Minimum Active power : P3	W	S32
25675	0x644B	2	Date of minimum P3	-	DATETIME
25677	0x644D	2	Minimum Reactive power : Q1	var	S32
25679	0x644F	2	Date of minimum Q1	-	DATETIME
25681	0x6451	2	Minimum Reactive power : Q2	var	S32
25683	0x6453	2	Date of minimum Q2	-	DATETIME
25685	0x6455	2	Minimum Reactive power : Q3	var	S32
25687	0x6457	2	Date of minimum Q3	-	DATETIME
25689	0x6459	2	Minimum Apparent power : S1	VA	U32
25691	0x645B	2	Date of minimum S1	-	DATETIME
25693	0x645D	2	Minimum Apparent power : S2	VA	U32
25695	0x645F	2	Date of minimum S2	-	DATETIME
25697	0x6461	2	Minimum Apparent power : S3	VA	U32
25699	0x6463	2	Date of minimum S3	-	DATETIME
25701	0x6465	1	Minimum Power factor : PF1	- / 1000	S16
25702	0x6466	1	Minimum Power factor type : sPF1 0 : undefined 1 : leading 2 : lagging	-	U8
25703	0x6467	2	Date of minimum PF1	-	DATETIME
25705	0x6469	1	Minimum Power factor : PF2	- / 1000	S16
25706	0x646A	1	Minimum Power factor type : sPF2 0 : undefined 1 : leading 2 : lagging	-	U8
25707	0x646B	2	Date of minimum PF2	-	DATETIME

25709	0x646D	1	Minimum Power factor : PF3	- / 1000	S16
25710	0x646E	1	Minimum Power factor type : sPF3 0 : undefined 1 : leading 2 : lagging	-	U8
25711	0x646F	2	Date of minimum PF3	-	DATETIME

Inst. quality min/max - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19584	0x4C80	Info	91	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19584	0x4C80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19585	0x4C81	1	Maximum total harmonic distortion : THD I1	% / 100	U16
19586	0x4C82	2	Date of last maximum THD I1	-	DATETIME
19588	0x4C84	1	Maximum total harmonic distortion : THD I2	% / 100	U16
19589	0x4C85	2	Date of last maximum THD I2	-	DATETIME
19591	0x4C87	1	Maximum total harmonic distortion : THD I3	% / 100	U16
19592	0x4C88	2	Date of last maximum THD I3	-	DATETIME
19594	0x4C8A	1	Maximum total harmonic distortion : THD In	% / 100	U16
19595	0x4C8B	2	Date of last maximum THD In	-	DATETIME
19597	0x4C8D	1	Maximum Inba	% / 100	U16
19598	0x4C8E	2	Date of maximum Inba	-	DATETIME
19600	0x4C90	1	Maximum Inb	% / 100	U16
19601	0x4C91	2	Date of maximum Inb	-	DATETIME
19603	0x4C93	1	Maximum Phi I1 / V1	? / 100	S16
19604	0x4C94	2	Date of maximum Phi I1 / V1	-	DATETIME
19606	0x4C96	1	Maximum Phi I2 / V2	? / 100	S16
19607	0x4C97	2	Date of maximum Phi I2 / V2	-	DATETIME
19609	0x4C99	1	Maximum Phi I3 / V3	? / 100	S16
19610	0x4C9A	2	Date of maximum Phi I3 / V3	-	DATETIME
19612	0x4C9C	1	Maximum Phi In / Vn	- / 100	S16
19613	0x4C9D	2	Date of maximum Phi In / Vn	-	DATETIME
19615	0x4C9F	1	Minimum total harmonic distortion : THD I1	% / 100	U16
19616	0x4CA0	2	Date of last minimum THD I1	-	DATETIME
19618	0x4CA2	1	Minimum total harmonic distortion : THD I2	% / 100	U16
19619	0x4CA3	2	Date of last minimum THD I2	-	DATETIME
19621	0x4CA5	1	Minimum total harmonic distortion : THD I3	% / 100	U16
19622	0x4CA6	2	Date of last minimum THD I3	-	DATETIME
19624	0x4CA8	1	Minimum total harmonic distortion : THD In	% / 100	U16
19625	0x4CA9	2	Date of last minimum THD In	-	DATETIME
19627	0x4CAB	1	Minimum Inba	% / 100	U16
19628	0x4CAC	2	Date of minimum Inba	-	DATETIME
19630	0x4CAE	1	Minimum Inb	% / 100	U16
19631	0x4CAF	2	Date of minimum Inb	-	DATETIME
19633	0x4CB1	1	Minimum Phi I1 / V1	? / 100	S16
19634	0x4CB2	2	Date of minimum Phi I1 / V1	-	DATETIME
19636	0x4CB4	1	Minimum Phi I2 / V2	? / 100	S16
19637	0x4CB5	2	Date of minimum Phi I2 / V2	-	DATETIME

19639	0x4CB7	1	Minimum Phi I3 / V3	? / 100	S16
19640	0x4CB8	2	Date of minimum Phi I3 / V3	-	DATETIME
19642	0x4CBA	1	Minimum Phi In / Vn	- / 100	S16
19643	0x4CBB	2	Date of minimum Phi In / Vn	-	DATETIME
19645	0x4CBD	1	Maximum total harmonic distortion : THD Isys	% / 100	U16
19646	0x4CBE	2	Date of last maximum THD Isys	-	DATETIME
19648	0x4CC0	1	Maximum crest factor I1	- / 1000	U16
19649	0x4CC1	2	Date of maximum crest factor I1	-	DATETIME
19651	0x4CC3	1	Maximum crest factor I2	- / 1000	U16
19652	0x4CC4	2	Date of maximum crest factor I2	-	DATETIME
19654	0x4CC6	1	Maximum crest factor I3	- / 1000	U16
19655	0x4CC7	2	Date of maximum crest factor I3	-	DATETIME
19657	0x4CC9	1	Maximum crest factor In	- / 1000	U16
19658	0x4CCA	2	Date of maximum crest factor In	-	DATETIME
19660	0x4CCC	1	Minimum crest factor I1	- / 1000	U16
19661	0x4CCD	2	Date of minimum crest factor I1	-	DATETIME
19663	0x4CCF	1	Minimum crest factor I2	- / 1000	U16
19664	0x4CD0	2	Date of minimum crest factor I2	-	DATETIME
19666	0x4CD2	1	Minimum crest factor I3	- / 1000	U16
19667	0x4CD3	2	Date of minimum crest factor I3	-	DATETIME
19669	0x4CD5	1	Minimum crest factor In	- / 1000	U16
19670	0x4CD6	2	Date of minimum crest factor In	-	DATETIME
19672	0x4CD8	1	Minimum total harmonic distortion : THD Isys	% / 100	U16
19673	0x4CD9	2	Date of last minimum THD Isys	-	DATETIME

Inst. quality min/max - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21632	0x5480	Info	91	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21632	0x5480	1	Load status : 0 : Disabled 1 : Enabled	-	U8
21633	0x5481	1	Maximum total harmonic distortion : THD I1	% / 100	U16
21634	0x5482	2	Date of last maximum THD I1	-	DATETIME
21636	0x5484	1	Maximum total harmonic distortion : THD I2	% / 100	U16
21637	0x5485	2	Date of last maximum THD I2	-	DATETIME
21639	0x5487	1	Maximum total harmonic distortion : THD I3	% / 100	U16
21640	0x5488	2	Date of last maximum THD I3	-	DATETIME
21642	0x548A	1	Maximum total harmonic distortion : THD In	% / 100	U16
21643	0x548B	2	Date of last maximum THD In	-	DATETIME
21645	0x548D	1	Maximum Inba	% / 100	U16
21646	0x548E	2	Date of maximum Inba	-	DATETIME
21648	0x5490	1	Maximum Inb	% / 100	U16
21649	0x5491	2	Date of maximum Inb	-	DATETIME
21651	0x5493	1	Maximum Phi I1 / V1	? / 100	S16
21652	0x5494	2	Date of maximum Phi I1 / V1	-	DATETIME
21654	0x5496	1	Maximum Phi I2 / V2	? / 100	S16
21655	0x5497	2	Date of maximum Phi I2 / V2	-	DATETIME
21657	0x5499	1	Maximum Phi I3 / V3	? / 100	S16

Dec address	Hex address	Words count	Description	Unit	Data type
21658	0x549A	2	Date of maximum Phi I3 / V3	-	DATETIME
21660	0x549C	1	Maximum Phi In / Vn	- / 100	S16
21661	0x549D	2	Date of maximum Phi In / Vn	-	DATETIME
21663	0x549F	1	Minimum total harmonic distortion : THD I1	% / 100	U16
21664	0x54A0	2	Date of last minimum THD I1	-	DATETIME
21666	0x54A2	1	Minimum total harmonic distortion : THD I2	% / 100	U16
21667	0x54A3	2	Date of last minimum THD I2	-	DATETIME
21669	0x54A5	1	Minimum total harmonic distortion : THD I3	% / 100	U16
21670	0x54A6	2	Date of last minimum THD I3	-	DATETIME
21672	0x54A8	1	Minimum total harmonic distortion : THD In	% / 100	U16
21673	0x54A9	2	Date of last minimum THD In	-	DATETIME
21675	0x54AB	1	Minimum Inba	% / 100	U16
21676	0x54AC	2	Date of minimum Inba	-	DATETIME
21678	0x54AE	1	Minimum Inb	% / 100	U16
21679	0x54AF	2	Date of minimum Inb	-	DATETIME
21681	0x54B1	1	Minimum Phi I1 / V1	? / 100	S16
21682	0x54B2	2	Date of minimum Phi I1 / V1	-	DATETIME
21684	0x54B4	1	Minimum Phi I2 / V2	? / 100	S16
21685	0x54B5	2	Date of minimum Phi I2 / V2	-	DATETIME
21687	0x54B7	1	Minimum Phi I3 / V3	? / 100	S16
21688	0x54B8	2	Date of minimum Phi I3 / V3	-	DATETIME
21690	0x54BA	1	Minimum Phi In / Vn	- / 100	S16
21691	0x54BB	2	Date of minimum Phi In / Vn	-	DATETIME
21693	0x54BD	1	Maximum total harmonic distortion : THD Isys	% / 100	U16
21694	0x54BE	2	Date of last maximum THD Isys	-	DATETIME
21696	0x54C0	1	Maximum crest factor I1	- / 1000	U16
21697	0x54C1	2	Date of maximum crest factor I1	-	DATETIME
21699	0x54C3	1	Maximum crest factor I2	- / 1000	U16
21700	0x54C4	2	Date of maximum crest factor I2	-	DATETIME
21702	0x54C6	1	Maximum crest factor I3	- / 1000	U16
21703	0x54C7	2	Date of maximum crest factor I3	-	DATETIME
21705	0x54C9	1	Maximum crest factor In	- / 1000	U16
21706	0x54CA	2	Date of maximum crest factor In	-	DATETIME
21708	0x54CC	1	Minimum crest factor I1	- / 1000	U16
21709	0x54CD	2	Date of minimum crest factor I1	-	DATETIME
21711	0x54CF	1	Minimum crest factor I2	- / 1000	U16
21712	0x54D0	2	Date of minimum crest factor I2	-	DATETIME
21714	0x54D2	1	Minimum crest factor I3	- / 1000	U16
21715	0x54D3	2	Date of minimum crest factor I3	-	DATETIME
21717	0x54D5	1	Minimum crest factor In	- / 1000	U16
21718	0x54D6	2	Date of minimum crest factor In	-	DATETIME
21720	0x54D8	1	Minimum total harmonic distortion : THD Isys	% / 100	U16
21721	0x54D9	2	Date of last minimum THD Isys	-	DATETIME

Inst. quality min/max - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23680	0x5C80	Info	91	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
			Load status :		

23680	0x5C80	1	0 : Disabled 1 : Enabled	-	U8
23681	0x5C81	1	Maximum total harmonic distortion : THD I1	% / 100	U16
23682	0x5C82	2	Date of last maximum THD I1	-	DATETIME
23684	0x5C84	1	Maximum total harmonic distortion : THD I2	% / 100	U16
23685	0x5C85	2	Date of last maximum THD I2	-	DATETIME
23687	0x5C87	1	Maximum total harmonic distortion : THD I3	% / 100	U16
23688	0x5C88	2	Date of last maximum THD I3	-	DATETIME
23690	0x5C8A	1	Maximum total harmonic distortion : THD In	% / 100	U16
23691	0x5C8B	2	Date of last maximum THD In	-	DATETIME
23693	0x5C8D	1	Maximum Inba	% / 100	U16
23694	0x5C8E	2	Date of maximum Inba	-	DATETIME
23696	0x5C90	1	Maximum Inb	% / 100	U16
23697	0x5C91	2	Date of maximum Inb	-	DATETIME
23699	0x5C93	1	Maximum Phi I1 / V1	? / 100	S16
23700	0x5C94	2	Date of maximum Phi I1 / V1	-	DATETIME
23702	0x5C96	1	Maximum Phi I2 / V2	? / 100	S16
23703	0x5C97	2	Date of maximum Phi I2 / V2	-	DATETIME
23705	0x5C99	1	Maximum Phi I3 / V3	? / 100	S16
23706	0x5C9A	2	Date of maximum Phi I3 / V3	-	DATETIME
23708	0x5C9C	1	Maximum Phi In / Vn	- / 100	S16
23709	0x5C9D	2	Date of maximum Phi In / Vn	-	DATETIME
23711	0x5C9F	1	Minimum total harmonic distortion : THD I1	% / 100	U16
23712	0x5CA0	2	Date of last minimum THD I1	-	DATETIME
23714	0x5CA2	1	Minimum total harmonic distortion : THD I2	% / 100	U16
23715	0x5CA3	2	Date of last minimum THD I2	-	DATETIME
23717	0x5CA5	1	Minimum total harmonic distortion : THD I3	% / 100	U16
23718	0x5CA6	2	Date of last minimum THD I3	-	DATETIME
23720	0x5CA8	1	Minimum total harmonic distortion : THD In	% / 100	U16
23721	0x5CA9	2	Date of last minimum THD In	-	DATETIME
23723	0x5CAB	1	Minimum Inba	% / 100	U16
23724	0x5CAC	2	Date of minimum Inba	-	DATETIME
23726	0x5CAE	1	Minimum Inb	% / 100	U16
23727	0x5CAF	2	Date of minimum Inb	-	DATETIME
23729	0x5CB1	1	Minimum Phi I1 / V1	? / 100	S16
23730	0x5CB2	2	Date of minimum Phi I1 / V1	-	DATETIME
23732	0x5CB4	1	Minimum Phi I2 / V2	? / 100	S16
23733	0x5CB5	2	Date of minimum Phi I2 / V2	-	DATETIME
23735	0x5CB7	1	Minimum Phi I3 / V3	? / 100	S16
23736	0x5CB8	2	Date of minimum Phi I3 / V3	-	DATETIME
23738	0x5CBA	1	Minimum Phi In / Vn	- / 100	S16
23739	0x5CBB	2	Date of minimum Phi In / Vn	-	DATETIME
23741	0x5CBD	1	Maximum total harmonic distortion : THD Isys	% / 100	U16
23742	0x5CBE	2	Date of last maximum THD Isys	-	DATETIME
23744	0x5CC0	1	Maximum crest factor I1	- / 1000	U16
23745	0x5CC1	2	Date of maximum crest factor I1	-	DATETIME
23747	0x5CC3	1	Maximum crest factor I2	- / 1000	U16
23748	0x5CC4	2	Date of maximum crest factor I2	-	DATETIME
23750	0x5CC6	1	Maximum crest factor I3	- / 1000	U16
23751	0x5CC7	2	Date of maximum crest factor I3	-	DATETIME
23753	0x5CC9	1	Maximum crest factor In	- / 1000	U16
23754	0x5CCA	2	Date of maximum crest factor In	-	DATETIME
23756	0x5CCC	1	Minimum crest factor I1	- / 1000	U16

Dec address	Hex address	Words count	Description	Unit	Data type
23757	0x5CCD	2	Date of minimum crest factor I1	-	DATETIME
23759	0x5CCF	1	Minimum crest factor I2	- / 1000	U16
23760	0x5CD0	2	Date of minimum crest factor I2	-	DATETIME
23762	0x5CD2	1	Minimum crest factor I3	- / 1000	U16
23763	0x5CD3	2	Date of minimum crest factor I3	-	DATETIME
23765	0x5CD5	1	Minimum crest factor In	- / 1000	U16
23766	0x5CD6	2	Date of minimum crest factor In	-	DATETIME
23768	0x5CD8	1	Minimum total harmonic distortion : THD Isys	% / 100	U16
23769	0x5CD9	2	Date of last minimum THD Isys	-	DATETIME

Inst. quality min/max - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25728	0x6480	Info	91	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25728	0x6480	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25729	0x6481	1	Maximum total harmonic distortion : THD I1	% / 100	U16
25730	0x6482	2	Date of last maximum THD I1	-	DATETIME
25732	0x6484	1	Maximum total harmonic distortion : THD I2	% / 100	U16
25733	0x6485	2	Date of last maximum THD I2	-	DATETIME
25735	0x6487	1	Maximum total harmonic distortion : THD I3	% / 100	U16
25736	0x6488	2	Date of last maximum THD I3	-	DATETIME
25738	0x648A	1	Maximum total harmonic distortion : THD In	% / 100	U16
25739	0x648B	2	Date of last maximum THD In	-	DATETIME
25741	0x648D	1	Maximum Inba	% / 100	U16
25742	0x648E	2	Date of maximum Inba	-	DATETIME
25744	0x6490	1	Maximum Inb	% / 100	U16
25745	0x6491	2	Date of maximum Inb	-	DATETIME
25747	0x6493	1	Maximum Phi I1 / V1	? / 100	S16
25748	0x6494	2	Date of maximum Phi I1 / V1	-	DATETIME
25750	0x6496	1	Maximum Phi I2 / V2	? / 100	S16
25751	0x6497	2	Date of maximum Phi I2 / V2	-	DATETIME
25753	0x6499	1	Maximum Phi I3 / V3	? / 100	S16
25754	0x649A	2	Date of maximum Phi I3 / V3	-	DATETIME
25756	0x649C	1	Maximum Phi In / Vn	- / 100	S16
25757	0x649D	2	Date of maximum Phi In / Vn	-	DATETIME
25759	0x649F	1	Minimum total harmonic distortion : THD I1	% / 100	U16
25760	0x64A0	2	Date of last minimum THD I1	-	DATETIME
25762	0x64A2	1	Minimum total harmonic distortion : THD I2	% / 100	U16
25763	0x64A3	2	Date of last minimum THD I2	-	DATETIME
25765	0x64A5	1	Minimum total harmonic distortion : THD I3	% / 100	U16
25766	0x64A6	2	Date of last minimum THD I3	-	DATETIME
25768	0x64A8	1	Minimum total harmonic distortion : THD In	% / 100	U16
25769	0x64A9	2	Date of last minimum THD In	-	DATETIME
25771	0x64AB	1	Minimum Inba	% / 100	U16
25772	0x64AC	2	Date of minimum Inba	-	DATETIME
25774	0x64AE	1	Minimum Inb	% / 100	U16
25775	0x64AF	2	Date of minimum Inb	-	DATETIME

25777	0x64B1	1	Minimum Phi I1 / V1	? / 100	S16
25778	0x64B2	2	Date of minimum Phi I1 / V1	-	DATETIME
25780	0x64B4	1	Minimum Phi I2 / V2	? / 100	S16
25781	0x64B5	2	Date of minimum Phi I2 / V2	-	DATETIME
25783	0x64B7	1	Minimum Phi I3 / V3	? / 100	S16
25784	0x64B8	2	Date of minimum Phi I3 / V3	-	DATETIME
25786	0x64BA	1	Minimum Phi In / Vn	- / 100	S16
25787	0x64BB	2	Date of minimum Phi In / Vn	-	DATETIME
25789	0x64BD	1	Maximum total harmonic distortion : THD Isys	% / 100	U16
25790	0x64BE	2	Date of last maximum THD Isys	-	DATETIME
25792	0x64C0	1	Maximum crest factor I1	- / 1000	U16
25793	0x64C1	2	Date of maximum crest factor I1	-	DATETIME
25795	0x64C3	1	Maximum crest factor I2	- / 1000	U16
25796	0x64C4	2	Date of maximum crest factor I2	-	DATETIME
25798	0x64C6	1	Maximum crest factor I3	- / 1000	U16
25799	0x64C7	2	Date of maximum crest factor I3	-	DATETIME
25801	0x64C9	1	Maximum crest factor In	- / 1000	U16
25802	0x64CA	2	Date of maximum crest factor In	-	DATETIME
25804	0x64CC	1	Minimum crest factor I1	- / 1000	U16
25805	0x64CD	2	Date of minimum crest factor I1	-	DATETIME
25807	0x64CF	1	Minimum crest factor I2	- / 1000	U16
25808	0x64D0	2	Date of minimum crest factor I2	-	DATETIME
25810	0x64D2	1	Minimum crest factor I3	- / 1000	U16
25811	0x64D3	2	Date of minimum crest factor I3	-	DATETIME
25813	0x64D5	1	Minimum crest factor In	- / 1000	U16
25814	0x64D6	2	Date of minimum crest factor In	-	DATETIME
25816	0x64D8	1	Minimum total harmonic distortion : THD Isys	% / 100	U16
25817	0x64D9	2	Date of last minimum THD Isys	-	DATETIME

Inst. I harmonics - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19712	0x4D00	Info	109	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19712	0x4D00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19713	0x4D01	1	harmonic I1 row 2	% / 100	U16
19714	0x4D02	1	harmonic I2 row 2	% / 100	U16
19715	0x4D03	1	harmonic I3 row 2	% / 100	U16
19716	0x4D04	1	harmonic In row 2	% / 100	U16
19717	0x4D05	1	harmonic I1 row 3	% / 100	U16
19718	0x4D06	1	harmonic I2 row 3	% / 100	U16
19719	0x4D07	1	harmonic I3 row 3	% / 100	U16
19720	0x4D08	1	harmonic In row 3	% / 100	U16
19721	0x4D09	1	harmonic I1 row 4	% / 100	U16
19722	0x4D0A	1	harmonic I2 row 4	% / 100	U16
19723	0x4D0B	1	harmonic I3 row 4	% / 100	U16
19724	0x4D0C	1	harmonic In row 4	% / 100	U16
19725	0x4D0D	1	harmonic I1 row 5	% / 100	U16

19726	0x4D0E	1	harmonic I2 row 5	% / 100	U16
19727	0x4D0F	1	harmonic I3 row 5	% / 100	U16
19728	0x4D10	1	harmonic In row 5	% / 100	U16
19729	0x4D11	1	harmonic I1 row 6	% / 100	U16
19730	0x4D12	1	harmonic I2 row 6	% / 100	U16
19731	0x4D13	1	harmonic I3 row 6	% / 100	U16
19732	0x4D14	1	harmonic In row 6	% / 100	U16
19733	0x4D15	1	harmonic I1 row 7	% / 100	U16
19734	0x4D16	1	harmonic I2 row 7	% / 100	U16
19735	0x4D17	1	harmonic I3 row 7	% / 100	U16
19736	0x4D18	1	harmonic In row 7	% / 100	U16
19737	0x4D19	1	harmonic I1 row 8	% / 100	U16
19738	0x4D1A	1	harmonic I2 row 8	% / 100	U16
19739	0x4D1B	1	harmonic I3 row 8	% / 100	U16
19740	0x4D1C	1	harmonic In row 8	% / 100	U16
19741	0x4D1D	1	harmonic I1 row 9	% / 100	U16
19742	0x4D1E	1	harmonic I2 row 9	% / 100	U16
19743	0x4D1F	1	harmonic I3 row 9	% / 100	U16
19744	0x4D20	1	harmonic In row 9	% / 100	U16
19745	0x4D21	1	harmonic I1 row 10	% / 100	U16
19746	0x4D22	1	harmonic I2 row 10	% / 100	U16
19747	0x4D23	1	harmonic I3 row 10	% / 100	U16
19748	0x4D24	1	harmonic In row 10	% / 100	U16
19749	0x4D25	1	harmonic I1 row 11	% / 100	U16
19750	0x4D26	1	harmonic I2 row 11	% / 100	U16
19751	0x4D27	1	harmonic I3 row 11	% / 100	U16
19752	0x4D28	1	harmonic In row 11	% / 100	U16
19753	0x4D29	1	harmonic I1 row 12	% / 100	U16
19754	0x4D2A	1	harmonic I2 row 12	% / 100	U16
19755	0x4D2B	1	harmonic I3 row 12	% / 100	U16
19756	0x4D2C	1	harmonic In row 12	% / 100	U16
19757	0x4D2D	1	harmonic I1 row 13	% / 100	U16
19758	0x4D2E	1	harmonic I2 row 13	% / 100	U16
19759	0x4D2F	1	harmonic I3 row 13	% / 100	U16
19760	0x4D30	1	harmonic In row 13	% / 100	U16
19761	0x4D31	1	harmonic I1 row 14	% / 100	U16
19762	0x4D32	1	harmonic I2 row 14	% / 100	U16
19763	0x4D33	1	harmonic I3 row 14	% / 100	U16
19764	0x4D34	1	harmonic In row 14	% / 100	U16
19765	0x4D35	1	harmonic I1 row 15	% / 100	U16
19766	0x4D36	1	harmonic I2 row 15	% / 100	U16
19767	0x4D37	1	harmonic I3 row 15	% / 100	U16
19768	0x4D38	1	harmonic In row 15	% / 100	U16
19769	0x4D39	1	harmonic I1 row 16	% / 100	U16
19770	0x4D3A	1	harmonic I2 row 16	% / 100	U16
19771	0x4D3B	1	harmonic I3 row 16	% / 100	U16
19772	0x4D3C	1	harmonic In row 16	% / 100	U16
19773	0x4D3D	1	harmonic I1 row 17	% / 100	U16
19774	0x4D3E	1	harmonic I2 row 17	% / 100	U16
19775	0x4D3F	1	harmonic I3 row 17	% / 100	U16
19776	0x4D40	1	harmonic In row 17	% / 100	U16
19777	0x4D41	1	harmonic I1 row 18	% / 100	U16

Dec address	Hex address	Words count	Description	Unit	Data type
19778	0x4D42	1	harmonic I2 row 18	% / 100	U16
19779	0x4D43	1	harmonic I3 row 18	% / 100	U16
19780	0x4D44	1	harmonic In row 18	% / 100	U16
19781	0x4D45	1	harmonic I1 row 19	% / 100	U16
19782	0x4D46	1	harmonic I2 row 19	% / 100	U16
19783	0x4D47	1	harmonic I3 row 19	% / 100	U16
19784	0x4D48	1	harmonic In row 19	% / 100	U16
19785	0x4D49	1	harmonic I1 row 20	% / 100	U16
19786	0x4D4A	1	harmonic I2 row 20	% / 100	U16
19787	0x4D4B	1	harmonic I3 row 20	% / 100	U16
19788	0x4D4C	1	harmonic In row 20	% / 100	U16
19789	0x4D4D	1	harmonic I1 row 21	% / 100	U16
19790	0x4D4E	1	harmonic I2 row 21	% / 100	U16
19791	0x4D4F	1	harmonic I3 row 21	% / 100	U16
19792	0x4D50	1	harmonic In row 21	% / 100	U16
19793	0x4D51	1	harmonic I1 row 22	% / 100	U16
19794	0x4D52	1	harmonic I2 row 22	% / 100	U16
19795	0x4D53	1	harmonic I3 row 22	% / 100	U16
19796	0x4D54	1	harmonic In row 22	% / 100	U16
19797	0x4D55	1	harmonic I1 row 23	% / 100	U16
19798	0x4D56	1	harmonic I2 row 23	% / 100	U16
19799	0x4D57	1	harmonic I3 row 23	% / 100	U16
19800	0x4D58	1	harmonic In row 23	% / 100	U16
19801	0x4D59	1	harmonic I1 row 24	% / 100	U16
19802	0x4D5A	1	harmonic I2 row 24	% / 100	U16
19803	0x4D5B	1	harmonic I3 row 24	% / 100	U16
19804	0x4D5C	1	harmonic In row 24	% / 100	U16
19805	0x4D5D	1	harmonic I1 row 25	% / 100	U16
19806	0x4D5E	1	harmonic I2 row 25	% / 100	U16
19807	0x4D5F	1	harmonic I3 row 25	% / 100	U16
19808	0x4D60	1	harmonic In row 25	% / 100	U16
19809	0x4D61	1	harmonic I1 row 26 to 34	% / 100	U16
19810	0x4D62	1	harmonic I2 row 26 to 34	% / 100	U16
19811	0x4D63	1	harmonic I3 row 26 to 34	% / 100	U16
19812	0x4D64	1	harmonic In row 26 to 34	% / 100	U16
19813	0x4D65	1	harmonic I1 row 35 to 50	% / 100	U16
19814	0x4D66	1	harmonic I2 row 35 to 50	% / 100	U16
19815	0x4D67	1	harmonic I3 row 35 to 50	% / 100	U16
19816	0x4D68	1	harmonic In row 35 to 50	% / 100	U16
19817	0x4D69	1	harmonic I1 row 51 to 63	% / 100	U16
19818	0x4D6A	1	harmonic I2 row 51 to 63	% / 100	U16
19819	0x4D6B	1	harmonic I3 row 51 to 63	% / 100	U16
19820	0x4D6C	1	harmonic In row 51 to 63	% / 100	U16

Inst. I harmonics - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21760	0x5500	Info	109	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
			Load status :		

21760	0x5500	1	0 : Disabled 1 : Enabled	-	U8
21761	0x5501	1	harmonic I1 row 2	% / 100	U16
21762	0x5502	1	harmonic I2 row 2	% / 100	U16
21763	0x5503	1	harmonic I3 row 2	% / 100	U16
21764	0x5504	1	harmonic In row 2	% / 100	U16
21765	0x5505	1	harmonic I1 row 3	% / 100	U16
21766	0x5506	1	harmonic I2 row 3	% / 100	U16
21767	0x5507	1	harmonic I3 row 3	% / 100	U16
21768	0x5508	1	harmonic In row 3	% / 100	U16
21769	0x5509	1	harmonic I1 row 4	% / 100	U16
21770	0x550A	1	harmonic I2 row 4	% / 100	U16
21771	0x550B	1	harmonic I3 row 4	% / 100	U16
21772	0x550C	1	harmonic In row 4	% / 100	U16
21773	0x550D	1	harmonic I1 row 5	% / 100	U16
21774	0x550E	1	harmonic I2 row 5	% / 100	U16
21775	0x550F	1	harmonic I3 row 5	% / 100	U16
21776	0x5510	1	harmonic In row 5	% / 100	U16
21777	0x5511	1	harmonic I1 row 6	% / 100	U16
21778	0x5512	1	harmonic I2 row 6	% / 100	U16
21779	0x5513	1	harmonic I3 row 6	% / 100	U16
21780	0x5514	1	harmonic In row 6	% / 100	U16
21781	0x5515	1	harmonic I1 row 7	% / 100	U16
21782	0x5516	1	harmonic I2 row 7	% / 100	U16
21783	0x5517	1	harmonic I3 row 7	% / 100	U16
21784	0x5518	1	harmonic In row 7	% / 100	U16
21785	0x5519	1	harmonic I1 row 8	% / 100	U16
21786	0x551A	1	harmonic I2 row 8	% / 100	U16
21787	0x551B	1	harmonic I3 row 8	% / 100	U16
21788	0x551C	1	harmonic In row 8	% / 100	U16
21789	0x551D	1	harmonic I1 row 9	% / 100	U16
21790	0x551E	1	harmonic I2 row 9	% / 100	U16
21791	0x551F	1	harmonic I3 row 9	% / 100	U16
21792	0x5520	1	harmonic In row 9	% / 100	U16
21793	0x5521	1	harmonic I1 row 10	% / 100	U16
21794	0x5522	1	harmonic I2 row 10	% / 100	U16
21795	0x5523	1	harmonic I3 row 10	% / 100	U16
21796	0x5524	1	harmonic In row 10	% / 100	U16
21797	0x5525	1	harmonic I1 row 11	% / 100	U16
21798	0x5526	1	harmonic I2 row 11	% / 100	U16
21799	0x5527	1	harmonic I3 row 11	% / 100	U16
21800	0x5528	1	harmonic In row 11	% / 100	U16
21801	0x5529	1	harmonic I1 row 12	% / 100	U16
21802	0x552A	1	harmonic I2 row 12	% / 100	U16
21803	0x552B	1	harmonic I3 row 12	% / 100	U16
21804	0x552C	1	harmonic In row 12	% / 100	U16
21805	0x552D	1	harmonic I1 row 13	% / 100	U16
21806	0x552E	1	harmonic I2 row 13	% / 100	U16
21807	0x552F	1	harmonic I3 row 13	% / 100	U16
21808	0x5530	1	harmonic In row 13	% / 100	U16
21809	0x5531	1	harmonic I1 row 14	% / 100	U16
21810	0x5532	1	harmonic I2 row 14	% / 100	U16
21811	0x5533	1	harmonic I3 row 14	% / 100	U16

21812	0x5534	1	harmonic In row 14	% / 100	U16
21813	0x5535	1	harmonic I1 row 15	% / 100	U16
21814	0x5536	1	harmonic I2 row 15	% / 100	U16
21815	0x5537	1	harmonic I3 row 15	% / 100	U16
21816	0x5538	1	harmonic In row 15	% / 100	U16
21817	0x5539	1	harmonic I1 row 16	% / 100	U16
21818	0x553A	1	harmonic I2 row 16	% / 100	U16
21819	0x553B	1	harmonic I3 row 16	% / 100	U16
21820	0x553C	1	harmonic In row 16	% / 100	U16
21821	0x553D	1	harmonic I1 row 17	% / 100	U16
21822	0x553E	1	harmonic I2 row 17	% / 100	U16
21823	0x553F	1	harmonic I3 row 17	% / 100	U16
21824	0x5540	1	harmonic In row 17	% / 100	U16
21825	0x5541	1	harmonic I1 row 18	% / 100	U16
21826	0x5542	1	harmonic I2 row 18	% / 100	U16
21827	0x5543	1	harmonic I3 row 18	% / 100	U16
21828	0x5544	1	harmonic In row 18	% / 100	U16
21829	0x5545	1	harmonic I1 row 19	% / 100	U16
21830	0x5546	1	harmonic I2 row 19	% / 100	U16
21831	0x5547	1	harmonic I3 row 19	% / 100	U16
21832	0x5548	1	harmonic In row 19	% / 100	U16
21833	0x5549	1	harmonic I1 row 20	% / 100	U16
21834	0x554A	1	harmonic I2 row 20	% / 100	U16
21835	0x554B	1	harmonic I3 row 20	% / 100	U16
21836	0x554C	1	harmonic In row 20	% / 100	U16
21837	0x554D	1	harmonic I1 row 21	% / 100	U16
21838	0x554E	1	harmonic I2 row 21	% / 100	U16
21839	0x554F	1	harmonic I3 row 21	% / 100	U16
21840	0x5550	1	harmonic In row 21	% / 100	U16
21841	0x5551	1	harmonic I1 row 22	% / 100	U16
21842	0x5552	1	harmonic I2 row 22	% / 100	U16
21843	0x5553	1	harmonic I3 row 22	% / 100	U16
21844	0x5554	1	harmonic In row 22	% / 100	U16
21845	0x5555	1	harmonic I1 row 23	% / 100	U16
21846	0x5556	1	harmonic I2 row 23	% / 100	U16
21847	0x5557	1	harmonic I3 row 23	% / 100	U16
21848	0x5558	1	harmonic In row 23	% / 100	U16
21849	0x5559	1	harmonic I1 row 24	% / 100	U16
21850	0x555A	1	harmonic I2 row 24	% / 100	U16
21851	0x555B	1	harmonic I3 row 24	% / 100	U16
21852	0x555C	1	harmonic In row 24	% / 100	U16
21853	0x555D	1	harmonic I1 row 25	% / 100	U16
21854	0x555E	1	harmonic I2 row 25	% / 100	U16
21855	0x555F	1	harmonic I3 row 25	% / 100	U16
21856	0x5560	1	harmonic In row 25	% / 100	U16
21857	0x5561	1	harmonic I1 row 26 to 34	% / 100	U16
21858	0x5562	1	harmonic I2 row 26 to 34	% / 100	U16
21859	0x5563	1	harmonic I3 row 26 to 34	% / 100	U16
21860	0x5564	1	harmonic In row 26 to 34	% / 100	U16
21861	0x5565	1	harmonic I1 row 35 to 50	% / 100	U16
21862	0x5566	1	harmonic I2 row 35 to 50	% / 100	U16
21863	0x5567	1	harmonic I3 row 35 to 50	% / 100	U16

21864	0x5568	1	harmonic In row 35 to 50	% / 100	U16
21865	0x5569	1	harmonic I1 row 51 to 63	% / 100	U16
21866	0x556A	1	harmonic I2 row 51 to 63	% / 100	U16
21867	0x556B	1	harmonic I3 row 51 to 63	% / 100	U16
21868	0x556C	1	harmonic In row 51 to 63	% / 100	U16

Inst. I harmonics - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23808	0x5D00	Info	109	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23808	0x5D00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
23809	0x5D01	1	harmonic I1 row 2	% / 100	U16
23810	0x5D02	1	harmonic I2 row 2	% / 100	U16
23811	0x5D03	1	harmonic I3 row 2	% / 100	U16
23812	0x5D04	1	harmonic In row 2	% / 100	U16
23813	0x5D05	1	harmonic I1 row 3	% / 100	U16
23814	0x5D06	1	harmonic I2 row 3	% / 100	U16
23815	0x5D07	1	harmonic I3 row 3	% / 100	U16
23816	0x5D08	1	harmonic In row 3	% / 100	U16
23817	0x5D09	1	harmonic I1 row 4	% / 100	U16
23818	0x5D0A	1	harmonic I2 row 4	% / 100	U16
23819	0x5D0B	1	harmonic I3 row 4	% / 100	U16
23820	0x5D0C	1	harmonic In row 4	% / 100	U16
23821	0x5D0D	1	harmonic I1 row 5	% / 100	U16
23822	0x5D0E	1	harmonic I2 row 5	% / 100	U16
23823	0x5D0F	1	harmonic I3 row 5	% / 100	U16
23824	0x5D10	1	harmonic In row 5	% / 100	U16
23825	0x5D11	1	harmonic I1 row 6	% / 100	U16
23826	0x5D12	1	harmonic I2 row 6	% / 100	U16
23827	0x5D13	1	harmonic I3 row 6	% / 100	U16
23828	0x5D14	1	harmonic In row 6	% / 100	U16
23829	0x5D15	1	harmonic I1 row 7	% / 100	U16
23830	0x5D16	1	harmonic I2 row 7	% / 100	U16
23831	0x5D17	1	harmonic I3 row 7	% / 100	U16
23832	0x5D18	1	harmonic In row 7	% / 100	U16
23833	0x5D19	1	harmonic I1 row 8	% / 100	U16
23834	0x5D1A	1	harmonic I2 row 8	% / 100	U16
23835	0x5D1B	1	harmonic I3 row 8	% / 100	U16
23836	0x5D1C	1	harmonic In row 8	% / 100	U16
23837	0x5D1D	1	harmonic I1 row 9	% / 100	U16
23838	0x5D1E	1	harmonic I2 row 9	% / 100	U16
23839	0x5D1F	1	harmonic I3 row 9	% / 100	U16
23840	0x5D20	1	harmonic In row 9	% / 100	U16
23841	0x5D21	1	harmonic I1 row 10	% / 100	U16
23842	0x5D22	1	harmonic I2 row 10	% / 100	U16
23843	0x5D23	1	harmonic I3 row 10	% / 100	U16
23844	0x5D24	1	harmonic In row 10	% / 100	U16

23845	0x5D25	1	harmonic I1 row 11	% / 100	U16
23846	0x5D26	1	harmonic I2 row 11	% / 100	U16
23847	0x5D27	1	harmonic I3 row 11	% / 100	U16
23848	0x5D28	1	harmonic In row 11	% / 100	U16
23849	0x5D29	1	harmonic I1 row 12	% / 100	U16
23850	0x5D2A	1	harmonic I2 row 12	% / 100	U16
23851	0x5D2B	1	harmonic I3 row 12	% / 100	U16
23852	0x5D2C	1	harmonic In row 12	% / 100	U16
23853	0x5D2D	1	harmonic I1 row 13	% / 100	U16
23854	0x5D2E	1	harmonic I2 row 13	% / 100	U16
23855	0x5D2F	1	harmonic I3 row 13	% / 100	U16
23856	0x5D30	1	harmonic In row 13	% / 100	U16
23857	0x5D31	1	harmonic I1 row 14	% / 100	U16
23858	0x5D32	1	harmonic I2 row 14	% / 100	U16
23859	0x5D33	1	harmonic I3 row 14	% / 100	U16
23860	0x5D34	1	harmonic In row 14	% / 100	U16
23861	0x5D35	1	harmonic I1 row 15	% / 100	U16
23862	0x5D36	1	harmonic I2 row 15	% / 100	U16
23863	0x5D37	1	harmonic I3 row 15	% / 100	U16
23864	0x5D38	1	harmonic In row 15	% / 100	U16
23865	0x5D39	1	harmonic I1 row 16	% / 100	U16
23866	0x5D3A	1	harmonic I2 row 16	% / 100	U16
23867	0x5D3B	1	harmonic I3 row 16	% / 100	U16
23868	0x5D3C	1	harmonic In row 16	% / 100	U16
23869	0x5D3D	1	harmonic I1 row 17	% / 100	U16
23870	0x5D3E	1	harmonic I2 row 17	% / 100	U16
23871	0x5D3F	1	harmonic I3 row 17	% / 100	U16
23872	0x5D40	1	harmonic In row 17	% / 100	U16
23873	0x5D41	1	harmonic I1 row 18	% / 100	U16
23874	0x5D42	1	harmonic I2 row 18	% / 100	U16
23875	0x5D43	1	harmonic I3 row 18	% / 100	U16
23876	0x5D44	1	harmonic In row 18	% / 100	U16
23877	0x5D45	1	harmonic I1 row 19	% / 100	U16
23878	0x5D46	1	harmonic I2 row 19	% / 100	U16
23879	0x5D47	1	harmonic I3 row 19	% / 100	U16
23880	0x5D48	1	harmonic In row 19	% / 100	U16
23881	0x5D49	1	harmonic I1 row 20	% / 100	U16
23882	0x5D4A	1	harmonic I2 row 20	% / 100	U16
23883	0x5D4B	1	harmonic I3 row 20	% / 100	U16
23884	0x5D4C	1	harmonic In row 20	% / 100	U16
23885	0x5D4D	1	harmonic I1 row 21	% / 100	U16
23886	0x5D4E	1	harmonic I2 row 21	% / 100	U16
23887	0x5D4F	1	harmonic I3 row 21	% / 100	U16
23888	0x5D50	1	harmonic In row 21	% / 100	U16
23889	0x5D51	1	harmonic I1 row 22	% / 100	U16
23890	0x5D52	1	harmonic I2 row 22	% / 100	U16
23891	0x5D53	1	harmonic I3 row 22	% / 100	U16
23892	0x5D54	1	harmonic In row 22	% / 100	U16
23893	0x5D55	1	harmonic I1 row 23	% / 100	U16
23894	0x5D56	1	harmonic I2 row 23	% / 100	U16
23895	0x5D57	1	harmonic I3 row 23	% / 100	U16
23896	0x5D58	1	harmonic In row 23	% / 100	U16

23897	0x5D59	1	harmonic I1 row 24	% / 100	U16
23898	0x5D5A	1	harmonic I2 row 24	% / 100	U16
23899	0x5D5B	1	harmonic I3 row 24	% / 100	U16
23900	0x5D5C	1	harmonic In row 24	% / 100	U16
23901	0x5D5D	1	harmonic I1 row 25	% / 100	U16
23902	0x5D5E	1	harmonic I2 row 25	% / 100	U16
23903	0x5D5F	1	harmonic I3 row 25	% / 100	U16
23904	0x5D60	1	harmonic In row 25	% / 100	U16
23905	0x5D61	1	harmonic I1 row 26 to 34	% / 100	U16
23906	0x5D62	1	harmonic I2 row 26 to 34	% / 100	U16
23907	0x5D63	1	harmonic I3 row 26 to 34	% / 100	U16
23908	0x5D64	1	harmonic In row 26 to 34	% / 100	U16
23909	0x5D65	1	harmonic I1 row 35 to 50	% / 100	U16
23910	0x5D66	1	harmonic I2 row 35 to 50	% / 100	U16
23911	0x5D67	1	harmonic I3 row 35 to 50	% / 100	U16
23912	0x5D68	1	harmonic In row 35 to 50	% / 100	U16
23913	0x5D69	1	harmonic I1 row 51 to 63	% / 100	U16
23914	0x5D6A	1	harmonic I2 row 51 to 63	% / 100	U16
23915	0x5D6B	1	harmonic I3 row 51 to 63	% / 100	U16
23916	0x5D6C	1	harmonic In row 51 to 63	% / 100	U16

Inst. I harmonics - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25856	0x6500	Info	109	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25856	0x6500	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25857	0x6501	1	harmonic I1 row 2	% / 100	U16
25858	0x6502	1	harmonic I2 row 2	% / 100	U16
25859	0x6503	1	harmonic I3 row 2	% / 100	U16
25860	0x6504	1	harmonic In row 2	% / 100	U16
25861	0x6505	1	harmonic I1 row 3	% / 100	U16
25862	0x6506	1	harmonic I2 row 3	% / 100	U16
25863	0x6507	1	harmonic I3 row 3	% / 100	U16
25864	0x6508	1	harmonic In row 3	% / 100	U16
25865	0x6509	1	harmonic I1 row 4	% / 100	U16
25866	0x650A	1	harmonic I2 row 4	% / 100	U16
25867	0x650B	1	harmonic I3 row 4	% / 100	U16
25868	0x650C	1	harmonic In row 4	% / 100	U16
25869	0x650D	1	harmonic I1 row 5	% / 100	U16
25870	0x650E	1	harmonic I2 row 5	% / 100	U16
25871	0x650F	1	harmonic I3 row 5	% / 100	U16
25872	0x6510	1	harmonic In row 5	% / 100	U16
25873	0x6511	1	harmonic I1 row 6	% / 100	U16
25874	0x6512	1	harmonic I2 row 6	% / 100	U16
25875	0x6513	1	harmonic I3 row 6	% / 100	U16
25876	0x6514	1	harmonic In row 6	% / 100	U16
25877	0x6515	1	harmonic I1 row 7	% / 100	U16

25878	0x6516	1	harmonic I2 row 7	% / 100	U16
25879	0x6517	1	harmonic I3 row 7	% / 100	U16
25880	0x6518	1	harmonic In row 7	% / 100	U16
25881	0x6519	1	harmonic I1 row 8	% / 100	U16
25882	0x651A	1	harmonic I2 row 8	% / 100	U16
25883	0x651B	1	harmonic I3 row 8	% / 100	U16
25884	0x651C	1	harmonic In row 8	% / 100	U16
25885	0x651D	1	harmonic I1 row 9	% / 100	U16
25886	0x651E	1	harmonic I2 row 9	% / 100	U16
25887	0x651F	1	harmonic I3 row 9	% / 100	U16
25888	0x6520	1	harmonic In row 9	% / 100	U16
25889	0x6521	1	harmonic I1 row 10	% / 100	U16
25890	0x6522	1	harmonic I2 row 10	% / 100	U16
25891	0x6523	1	harmonic I3 row 10	% / 100	U16
25892	0x6524	1	harmonic In row 10	% / 100	U16
25893	0x6525	1	harmonic I1 row 11	% / 100	U16
25894	0x6526	1	harmonic I2 row 11	% / 100	U16
25895	0x6527	1	harmonic I3 row 11	% / 100	U16
25896	0x6528	1	harmonic In row 11	% / 100	U16
25897	0x6529	1	harmonic I1 row 12	% / 100	U16
25898	0x652A	1	harmonic I2 row 12	% / 100	U16
25899	0x652B	1	harmonic I3 row 12	% / 100	U16
25900	0x652C	1	harmonic In row 12	% / 100	U16
25901	0x652D	1	harmonic I1 row 13	% / 100	U16
25902	0x652E	1	harmonic I2 row 13	% / 100	U16
25903	0x652F	1	harmonic I3 row 13	% / 100	U16
25904	0x6530	1	harmonic In row 13	% / 100	U16
25905	0x6531	1	harmonic I1 row 14	% / 100	U16
25906	0x6532	1	harmonic I2 row 14	% / 100	U16
25907	0x6533	1	harmonic I3 row 14	% / 100	U16
25908	0x6534	1	harmonic In row 14	% / 100	U16
25909	0x6535	1	harmonic I1 row 15	% / 100	U16
25910	0x6536	1	harmonic I2 row 15	% / 100	U16
25911	0x6537	1	harmonic I3 row 15	% / 100	U16
25912	0x6538	1	harmonic In row 15	% / 100	U16
25913	0x6539	1	harmonic I1 row 16	% / 100	U16
25914	0x653A	1	harmonic I2 row 16	% / 100	U16
25915	0x653B	1	harmonic I3 row 16	% / 100	U16
25916	0x653C	1	harmonic In row 16	% / 100	U16
25917	0x653D	1	harmonic I1 row 17	% / 100	U16
25918	0x653E	1	harmonic I2 row 17	% / 100	U16
25919	0x653F	1	harmonic I3 row 17	% / 100	U16
25920	0x6540	1	harmonic In row 17	% / 100	U16
25921	0x6541	1	harmonic I1 row 18	% / 100	U16
25922	0x6542	1	harmonic I2 row 18	% / 100	U16
25923	0x6543	1	harmonic I3 row 18	% / 100	U16
25924	0x6544	1	harmonic In row 18	% / 100	U16
25925	0x6545	1	harmonic I1 row 19	% / 100	U16
25926	0x6546	1	harmonic I2 row 19	% / 100	U16
25927	0x6547	1	harmonic I3 row 19	% / 100	U16
25928	0x6548	1	harmonic In row 19	% / 100	U16
25929	0x6549	1	harmonic I1 row 20	% / 100	U16

Dec address	Hex address	Words count	Description	Unit	Data type
25930	0x654A	1	harmonic I2 row 20	% / 100	U16
25931	0x654B	1	harmonic I3 row 20	% / 100	U16
25932	0x654C	1	harmonic In row 20	% / 100	U16
25933	0x654D	1	harmonic I1 row 21	% / 100	U16
25934	0x654E	1	harmonic I2 row 21	% / 100	U16
25935	0x654F	1	harmonic I3 row 21	% / 100	U16
25936	0x6550	1	harmonic In row 21	% / 100	U16
25937	0x6551	1	harmonic I1 row 22	% / 100	U16
25938	0x6552	1	harmonic I2 row 22	% / 100	U16
25939	0x6553	1	harmonic I3 row 22	% / 100	U16
25940	0x6554	1	harmonic In row 22	% / 100	U16
25941	0x6555	1	harmonic I1 row 23	% / 100	U16
25942	0x6556	1	harmonic I2 row 23	% / 100	U16
25943	0x6557	1	harmonic I3 row 23	% / 100	U16
25944	0x6558	1	harmonic In row 23	% / 100	U16
25945	0x6559	1	harmonic I1 row 24	% / 100	U16
25946	0x655A	1	harmonic I2 row 24	% / 100	U16
25947	0x655B	1	harmonic I3 row 24	% / 100	U16
25948	0x655C	1	harmonic In row 24	% / 100	U16
25949	0x655D	1	harmonic I1 row 25	% / 100	U16
25950	0x655E	1	harmonic I2 row 25	% / 100	U16
25951	0x655F	1	harmonic I3 row 25	% / 100	U16
25952	0x6560	1	harmonic In row 25	% / 100	U16
25953	0x6561	1	harmonic I1 row 26 to 34	% / 100	U16
25954	0x6562	1	harmonic I2 row 26 to 34	% / 100	U16
25955	0x6563	1	harmonic I3 row 26 to 34	% / 100	U16
25956	0x6564	1	harmonic In row 26 to 34	% / 100	U16
25957	0x6565	1	harmonic I1 row 35 to 50	% / 100	U16
25958	0x6566	1	harmonic I2 row 35 to 50	% / 100	U16
25959	0x6567	1	harmonic I3 row 35 to 50	% / 100	U16
25960	0x6568	1	harmonic In row 35 to 50	% / 100	U16
25961	0x6569	1	harmonic I1 row 51 to 63	% / 100	U16
25962	0x656A	1	harmonic I2 row 51 to 63	% / 100	U16
25963	0x656B	1	harmonic I3 row 51 to 63	% / 100	U16
25964	0x656C	1	harmonic In row 51 to 63	% / 100	U16

Energy measurement - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19840	0x4D80	Info	66	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19840	0x4D80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19841	0x4D81	2	Total Hour meter	s	U32
19843	0x4D83	2	Total Positive active Energy : Ea+	Wh / 0.001	U32
19845	0x4D85	1	Total Residual positive active Energy : rEa+	Wh / 10	U16
19846	0x4D86	2	Total Negative active Energy : Ea-	Wh / 0.001	U32
19848	0x4D88	1	Total Residual negative active Energy : rEa-	Wh / 10	U16
19849	0x4D89	2	Total Positive reactive Energy : Er+	varh / 0.001	U32

Dec address	Hex address	Words count	Description	Unit	Data type
19851	0x4D8B	1	Total Residual positive reactive Energy : rEr+	varh / 10	U16
19852	0x4D8C	2	Total Negative reactive Energy : Er-	varh / 0.001	U32
19854	0x4D8E	1	Total Residual negative reactive Energy : rEr-	varh / 10	U16
19855	0x4D8F	2	Total Apparent Energy : Eap	VAh / 0.001	U32
19857	0x4D91	1	Total Residual apparent Energy : rEap	VAh / 10	U16
19858	0x4D92	2	Total positive lagging reactive Energy : Er+ (lagging)	varh / 0.001	U32
19860	0x4D94	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh / 10	U16
19861	0x4D95	2	Total negative lagging reactive Energy : Er- (lagging)	varh / 0.001	U32
19863	0x4D97	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh / 10	U16
19864	0x4D98	2	Total positive leading reactive Energy : Er+ (leading)	varh / 0.001	U32
19866	0x4D9A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh / 10	U16
19867	0x4D9B	2	Total negative leading reactive Energy : Er- (leading)	varh / 0.001	U32
19869	0x4D9D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh / 10	U16
19870	0x4D9E	2	Partial Hour meter	s	U32
19872	0x4DA0	2	Partial positive active Energy : Ea+	Wh / 0.001	U32
19874	0x4DA2	1	Partial residual positive active Energy : rEa+	Wh / 10	U16
19875	0x4DA3	2	Partial negative active Energy : Ea-	Wh / 0.001	U32
19877	0x4DA5	1	Partial residual negative active Energy : rEa-	Wh / 10	U16
19878	0x4DA6	2	Partial positive reactive Energy : Er+	varh / 0.001	U32
19880	0x4DA8	1	Partial residual positive reactive Energy : rEr+	varh / 10	U16
19881	0x4DA9	2	Partial negative reactive Energy : Er-	varh / 0.001	U32
19883	0x4DAB	1	Partial residual negative reactive Energy : rEr-	varh / 10	U16
19884	0x4DAC	2	Partial Apparent Energy : Eap	VAh / 0.001	U32
19886	0x4DAE	1	Partial residual apparent Energy : rEap	VAh / 10	U16
19887	0x4DAF	2	Last Partial Reset date	-	DATETIME
19889	0x4DB1	2	Last Partial Hour meter	s	U32
19891	0x4DB3	2	Last Partial positive active Energy : Ea+	Wh / 0.001	U32
19893	0x4DB5	1	Last Partial residual positive active Energy : rEa+	Wh / 10	U16
19894	0x4DB6	2	Last Partial negative active Energy : Ea-	Wh / 0.001	U32
19896	0x4DB8	1	Last Partial residual negative active Energy : rEa-	Wh / 10	U16
19897	0x4DB9	2	Last Partial positive reactive Energy : Er+	varh / 0.001	U32
19899	0x4DBB	1	Last Partial residual positive reactive Energy : rEr+	varh / 10	U16
19900	0x4DBC	2	Last Partial negative reactive Energy : Er-	varh / 0.001	U32
19902	0x4DBE	1	Last Partial residual negative reactive Energy : rEr-	varh / 10	U16
19903	0x4DBF	2	Last Partial Apparent Energy : Eap	VAh / 0.001	U32
19905	0x4DC1	1	Last Partial residual apparent Energy : rEap	VAh / 10	U16

Energy measurement - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
21888	0x5580	Info	66	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
21888	0x5580	1	Load status : 0 : Disabled 1 : Enabled	-	U8
21889	0x5581	2	Total Hour meter	s	U32
21891	0x5583	2	Total Positive active Energy : Ea+	Wh / 0.001	U32
21893	0x5585	1	Total Residual positive active Energy : rEa+	Wh / 10	U16
21894	0x5586	2	Total Negative active Energy : Ea-	Wh / 0.001	U32
21896	0x5588	1	Total Residual negative active Energy : rEa-	Wh / 10	U16

Dec address	Hex address	Words count	Description	Unit	Data type
21897	0x5589	2	Total Positive reactive Energy : Er+	varh / 0.001	U32
21899	0x558B	1	Total Residual positive reactive Energy : rEr+	varh / 10	U16
21900	0x558C	2	Total Negative reactive Energy : Er-	varh / 0.001	U32
21902	0x558E	1	Total Residual negative reactive Energy : rEr-	varh / 10	U16
21903	0x558F	2	Total Apparent Energy : Eap	VAh / 0.001	U32
21905	0x5591	1	Total Residual apparent Energy : rEap	VAh / 10	U16
21906	0x5592	2	Total positive lagging reactive Energy : Er+ (lagging)	varh / 0.001	U32
21908	0x5594	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh / 10	U16
21909	0x5595	2	Total negative lagging reactive Energy : Er- (lagging)	varh / 0.001	U32
21911	0x5597	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh / 10	U16
21912	0x5598	2	Total positive leading reactive Energy : Er+ (leading)	varh / 0.001	U32
21914	0x559A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh / 10	U16
21915	0x559B	2	Total negative leading reactive Energy : Er- (leading)	varh / 0.001	U32
21917	0x559D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh / 10	U16
21918	0x559E	2	Partial Hour meter	s	U32
21920	0x55A0	2	Partial positive active Energy : Ea+	Wh / 0.001	U32
21922	0x55A2	1	Partial residual positive active Energy : rEa+	Wh / 10	U16
21923	0x55A3	2	Partial negative active Energy : Ea-	Wh / 0.001	U32
21925	0x55A5	1	Partial residual negative active Energy : rEa-	Wh / 10	U16
21926	0x55A6	2	Partial positive reactive Energy : Er+	varh / 0.001	U32
21928	0x55A8	1	Partial residual positive reactive Energy : rEr+	varh / 10	U16
21929	0x55A9	2	Partial negative reactive Energy : Er-	varh / 0.001	U32
21931	0x55AB	1	Partial residual negative reactive Energy : rEr-	varh / 10	U16
21932	0x55AC	2	Partial Apparent Energy : Eap	VAh / 0.001	U32
21934	0x55AE	1	Partial residual apparent Energy : rEap	VAh / 10	U16
21935	0x55AF	2	Last Partial Reset date	-	DATETIME
21937	0x55B1	2	Last Partial Hour meter	s	U32
21939	0x55B3	2	Last Partial positive active Energy : Ea+	Wh / 0.001	U32
21941	0x55B5	1	Last Partial residual positive active Energy : rEa+	Wh / 10	U16
21942	0x55B6	2	Last Partial negative active Energy : Ea-	Wh / 0.001	U32
21944	0x55B8	1	Last Partial residual negative active Energy : rEa-	Wh / 10	U16
21945	0x55B9	2	Last Partial positive reactive Energy : Er+	varh / 0.001	U32
21947	0x55BB	1	Last Partial residual positive reactive Energy : rEr+	varh / 10	U16
21948	0x55BC	2	Last Partial negative reactive Energy : Er-	varh / 0.001	U32
21950	0x55BE	1	Last Partial residual negative reactive Energy : rEr-	varh / 10	U16
21951	0x55BF	2	Last Partial Apparent Energy : Eap	VAh / 0.001	U32
21953	0x55C1	1	Last Partial residual apparent Energy : rEap	VAh / 10	U16

Energy measurement - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
23936	0x5D80	Info	66	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
23936	0x5D80	1	Load status : 0 : Disabled 1 : Enabled	-	U8
23937	0x5D81	2	Total Hour meter	s	U32
23939	0x5D83	2	Total Positive active Energy : Ea+	Wh / 0.001	U32
23941	0x5D85	1	Total Residual positive active Energy : rEa+	Wh / 10	U16
23942	0x5D86	2	Total Negative active Energy : Ea-	Wh / 0.001	U32

Dec address	Hex address	Words count	Description	Unit	Data type
23944	0x5D88	1	Total Residual negative active Energy : rEa-	Wh / 10	U16
23945	0x5D89	2	Total Positive reactive Energy : Er+	varh / 0.001	U32
23947	0x5D8B	1	Total Residual positive reactive Energy : rEr+	varh / 10	U16
23948	0x5D8C	2	Total Negative reactive Energy : Er-	varh / 0.001	U32
23950	0x5D8E	1	Total Residual negative reactive Energy : rEr-	varh / 10	U16
23951	0x5D8F	2	Total Apparent Energy : Eap	VAh / 0.001	U32
23953	0x5D91	1	Total Residual apparent Energy : rEap	VAh / 10	U16
23954	0x5D92	2	Total positive lagging reactive Energy : Er+ (lagging)	varh / 0.001	U32
23956	0x5D94	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh / 10	U16
23957	0x5D95	2	Total negative lagging reactive Energy : Er- (lagging)	varh / 0.001	U32
23959	0x5D97	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh / 10	U16
23960	0x5D98	2	Total positive leading reactive Energy : Er+ (leading)	varh / 0.001	U32
23962	0x5D9A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh / 10	U16
23963	0x5D9B	2	Total negative leading reactive Energy : Er- (leading)	varh / 0.001	U32
23965	0x5D9D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh / 10	U16
23966	0x5D9E	2	Partial Hour meter	s	U32
23968	0x5DA0	2	Partial positive active Energy : Ea+	Wh / 0.001	U32
23970	0x5DA2	1	Partial residual positive active Energy : rEa+	Wh / 10	U16
23971	0x5DA3	2	Partial negative active Energy : Ea-	Wh / 0.001	U32
23973	0x5DA5	1	Partial residual negative active Energy : rEa-	Wh / 10	U16
23974	0x5DA6	2	Partial positive reactive Energy : Er+	varh / 0.001	U32
23976	0x5DA8	1	Partial residual positive reactive Energy : rEr+	varh / 10	U16
23977	0x5DA9	2	Partial negative reactive Energy : Er-	varh / 0.001	U32
23979	0x5DAB	1	Partial residual negative reactive Energy : rEr-	varh / 10	U16
23980	0x5DAC	2	Partial Apparent Energy : Eap	VAh / 0.001	U32
23982	0x5DAE	1	Partial residual apparent Energy : rEap	VAh / 10	U16
23983	0x5DAF	2	Last Partial Reset date	-	DATETIME
23985	0x5DB1	2	Last Partial Hour meter	s	U32
23987	0x5DB3	2	Last Partial positive active Energy : Ea+	Wh / 0.001	U32
23989	0x5DB5	1	Last Partial residual positive active Energy : rEa+	Wh / 10	U16
23990	0x5DB6	2	Last Partial negative active Energy : Ea-	Wh / 0.001	U32
23992	0x5DB8	1	Last Partial residual negative active Energy : rEa-	Wh / 10	U16
23993	0x5DB9	2	Last Partial positive reactive Energy : Er+	varh / 0.001	U32
23995	0x5DBB	1	Last Partial residual positive reactive Energy : rEr+	varh / 10	U16
23996	0x5DBC	2	Last Partial negative reactive Energy : Er-	varh / 0.001	U32
23998	0x5DBE	1	Last Partial residual negative reactive Energy : rEr-	varh / 10	U16
23999	0x5DBF	2	Last Partial Apparent Energy : Eap	VAh / 0.001	U32
24001	0x5DC1	1	Last Partial residual apparent Energy : rEap	VAh / 10	U16

Energy measurement - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
25984	0x6580	Info	66	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
25984	0x6580	1	Load status : 0 : Disabled 1 : Enabled	-	U8
25985	0x6581	2	Total Hour meter	s	U32
25987	0x6583	2	Total Positive active Energy : Ea+	Wh / 0.001	U32
25989	0x6585	1	Total Residual positive active Energy : rEa+	Wh / 10	U16

25990	0x6586	2	Total Negative active Energy : Ea-	Wh / 0.001	U32
25992	0x6588	1	Total Residual negative active Energy : rEa-	Wh / 10	U16
25993	0x6589	2	Total Positive reactive Energy : Er+	varh / 0.001	U32
25995	0x658B	1	Total Residual positive reactive Energy : rEr+	varh / 10	U16
25996	0x658C	2	Total Negative reactive Energy : Er-	varh / 0.001	U32
25998	0x658E	1	Total Residual negative reactive Energy : rEr-	varh / 10	U16
25999	0x658F	2	Total Apparent Energy : Eap	VAh / 0.001	U32
26001	0x6591	1	Total Residual apparent Energy : rEap	VAh / 10	U16
26002	0x6592	2	Total positive lagging reactive Energy : Er+ (lagging)	varh / 0.001	U32
26004	0x6594	1	Total residual positive lagging reactive Energy : rEr+ (lagging)	varh / 10	U16
26005	0x6595	2	Total negative lagging reactive Energy : Er- (lagging)	varh / 0.001	U32
26007	0x6597	1	Total residual negative lagging reactive Energy : rEr- (lagging)	varh / 10	U16
26008	0x6598	2	Total positive leading reactive Energy : Er+ (leading)	varh / 0.001	U32
26010	0x659A	1	Total residual positive leading reactive Energy : rEr+ (leading)	varh / 10	U16
26011	0x659B	2	Total negative leading reactive Energy : Er- (leading)	varh / 0.001	U32
26013	0x659D	1	Total residual negative leading reactive Energy : rEr- (leading)	varh / 10	U16
26014	0x659E	2	Partial Hour meter	s	U32
26016	0x65A0	2	Partial positive active Energy : Ea+	Wh / 0.001	U32
26018	0x65A2	1	Partial residual positive active Energy : rEa+	Wh / 10	U16
26019	0x65A3	2	Partial negative active Energy : Ea-	Wh / 0.001	U32
26021	0x65A5	1	Partial residual negative active Energy : rEa-	Wh / 10	U16
26022	0x65A6	2	Partial positive reactive Energy : Er+	varh / 0.001	U32
26024	0x65A8	1	Partial residual positive reactive Energy : rEr+	varh / 10	U16
26025	0x65A9	2	Partial negative reactive Energy : Er-	varh / 0.001	U32
26027	0x65AB	1	Partial residual negative reactive Energy : rEr-	varh / 10	U16
26028	0x65AC	2	Partial Apparent Energy : Eap	VAh / 0.001	U32
26030	0x65AE	1	Partial residual apparent Energy : rEap	VAh / 10	U16
26031	0x65AF	2	Last Partial Reset date	-	DATETIME
26033	0x65B1	2	Last Partial Hour meter	s	U32
26035	0x65B3	2	Last Partial positive active Energy : Ea+	Wh / 0.001	U32
26037	0x65B5	1	Last Partial residual positive active Energy : rEa+	Wh / 10	U16
26038	0x65B6	2	Last Partial negative active Energy : Ea-	Wh / 0.001	U32
26040	0x65B8	1	Last Partial residual negative active Energy : rEa-	Wh / 10	U16
26041	0x65B9	2	Last Partial positive reactive Energy : Er+	varh / 0.001	U32
26043	0x65BB	1	Last Partial residual positive reactive Energy : rEr+	varh / 10	U16
26044	0x65BC	2	Last Partial negative reactive Energy : Er-	varh / 0.001	U32
26046	0x65BE	1	Last Partial residual negative reactive Energy : rEr-	varh / 10	U16
26047	0x65BF	2	Last Partial Apparent Energy : Eap	VAh / 0.001	U32
26049	0x65C1	1	Last Partial residual apparent Energy : rEap	VAh / 10	U16

Energy measurement historical - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
19968	0x4E00	Info	79	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
19968	0x4E00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
19969	0x4E01	2	Predictive positive active Power : pP+	W	U32
19971	0x4E03	2	Predictive negative active Power : pP-	W	U32

19973	0x4E05	2	Predictive positive reactive Power : pQ+	var	U32
19975	0x4E07	2	Predictive negative reactive Power : pQ-	var	U32
19977	0x4E09	2	Predictive apparent Power : pS	VA	U32
19979	0x4E0B	1	Predictive power trend: 0 : Up 1 : Stable 2 : Down	-	U16
19980	0x4E0C	2	Predictive power countdown	s	U32
19982	0x4E0E	2	Load curve previous : Date (n-1)	-	DATETIME
19984	0x4E10	1	Load curve previous : Flag (n-1) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
19985	0x4E11	2	Load curve previous : P+ (n-1)	W	U32
19987	0x4E13	2	Load curve previous : P- (n-1)	W	U32
19989	0x4E15	2	Load curve previous : Q+ (n-1)	var	U32
19991	0x4E17	2	Load curve previous : Q- (n-1)	var	U32
19993	0x4E19	2	Load curve previous : S (n-1)	VA	U32
19995	0x4E1B	2	Load curve previous : Date (n-2)	-	DATETIME
19997	0x4E1D	1	Load curve previous : Flag (n-2) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
19998	0x4E1E	2	Load curve previous : P+ (n-2)	W	U32
20000	0x4E20	2	Load curve previous : P- (n-2)	W	U32
20002	0x4E22	2	Load curve previous : Q+ (n-2)	var	U32
20004	0x4E24	2	Load curve previous : Q- (n-2)	var	U32
20006	0x4E26	2	Load curve previous : S (n-2)	VA	U32
20008	0x4E28	2	Load curve previous : Date (n-3)	-	DATETIME
20010	0x4E2A	1	Load curve previous : Flag (n-3) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
20011	0x4E2B	2	Load curve previous : P+ (n-3)	W	U32
20013	0x4E2D	2	Load curve previous : P- (n-3)	W	U32
20015	0x4E2F	2	Load curve previous : Q+ (n-3)	var	U32
20017	0x4E31	2	Load curve previous : Q- (n-3)	var	U32
20019	0x4E33	2	Load curve previous : S (n-3)	VA	U32
20021	0x4E35	2	Load curve previous : Date (n-4)	-	DATETIME
20023	0x4E37	1	Load curve previous : Flag (n-4) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
20024	0x4E38	2	Load curve previous : P+ (n-4)	W	U32
20026	0x4E3A	2	Load curve previous : P- (n-4)	W	U32
20028	0x4E3C	2	Load curve previous : Q+ (n-4)	var	U32
20030	0x4E3E	2	Load curve previous : Q- (n-4)	var	U32
20032	0x4E40	2	Load curve previous : S (n-4)	VA	U32
20034	0x4E42	2	Load curve previous : Date (n-5)	-	DATETIME
20036	0x4E44	1	Load curve previous : Flag (n-5) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16

20037	0x4E45	2	Load curve previous : P+ (n-5)	W	U32
20039	0x4E47	2	Load curve previous : P- (n-5)	W	U32
20041	0x4E49	2	Load curve previous : Q+ (n-5)	var	U32
20043	0x4E4B	2	Load curve previous : Q- (n-5)	var	U32
20045	0x4E4D	2	Load curve previous : S (n-5)	VA	U32

Energy measurement historical - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22016	0x5600	Info	79	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22016	0x5600	1	Load status : 0 : Disabled 1 : Enabled	-	U8
22017	0x5601	2	Predictive positive active Power : pP+	W	U32
22019	0x5603	2	Predictive negative active Power : pP-	W	U32
22021	0x5605	2	Predictive positive reactive Power : pQ+	var	U32
22023	0x5607	2	Predictive negative reactive Power : pQ-	var	U32
22025	0x5609	2	Predictive apparent Power : pS	VA	U32
22027	0x560B	1	Predictive power trend: 0 : Up 1 : Stable 2 : Down	-	U16
22028	0x560C	2	Predictive power countdown	s	U32
22030	0x560E	2	Load curve previous : Date (n-1)	-	DATETIME
22032	0x5610	1	Load curve previous : Flag (n-1) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
22033	0x5611	2	Load curve previous : P+ (n-1)	W	U32
22035	0x5613	2	Load curve previous : P- (n-1)	W	U32
22037	0x5615	2	Load curve previous : Q+ (n-1)	var	U32
22039	0x5617	2	Load curve previous : Q- (n-1)	var	U32
22041	0x5619	2	Load curve previous : S (n-1)	VA	U32
22043	0x561B	2	Load curve previous : Date (n-2)	-	DATETIME
22045	0x561D	1	Load curve previous : Flag (n-2) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
22046	0x561E	2	Load curve previous : P+ (n-2)	W	U32
22048	0x5620	2	Load curve previous : P- (n-2)	W	U32
22050	0x5622	2	Load curve previous : Q+ (n-2)	var	U32
22052	0x5624	2	Load curve previous : Q- (n-2)	var	U32
22054	0x5626	2	Load curve previous : S (n-2)	VA	U32
22056	0x5628	2	Load curve previous : Date (n-3)	-	DATETIME
22058	0x562A	1	Load curve previous : Flag (n-3) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
22059	0x562B	2	Load curve previous : P+ (n-3)	W	U32
22061	0x562D	2	Load curve previous : P- (n-3)	W	U32
22063	0x562F	2	Load curve previous : Q+ (n-3)	var	U32

22065	0x5631	2	Load curve previous : Q- (n-3)	var	U32
22067	0x5633	2	Load curve previous : S (n-3)	VA	U32
22069	0x5635	2	Load curve previous : Date (n-4)	-	DATETIME
22071	0x5637	1	Load curve previous : Flag (n-4) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
22072	0x5638	2	Load curve previous : P+ (n-4)	W	U32
22074	0x563A	2	Load curve previous : P- (n-4)	W	U32
22076	0x563C	2	Load curve previous : Q+ (n-4)	var	U32
22078	0x563E	2	Load curve previous : Q- (n-4)	var	U32
22080	0x5640	2	Load curve previous : S (n-4)	VA	U32
22082	0x5642	2	Load curve previous : Date (n-5)	-	DATETIME
22084	0x5644	1	Load curve previous : Flag (n-5) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
22085	0x5645	2	Load curve previous : P+ (n-5)	W	U32
22087	0x5647	2	Load curve previous : P- (n-5)	W	U32
22089	0x5649	2	Load curve previous : Q+ (n-5)	var	U32
22091	0x564B	2	Load curve previous : Q- (n-5)	var	U32
22093	0x564D	2	Load curve previous : S (n-5)	VA	U32

Energy measurement historical - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24064	0x5E00	Info	79	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24064	0x5E00	1	Load status : 0 : Disabled 1 : Enabled	-	U8
24065	0x5E01	2	Predictive positive active Power : pP+	W	U32
24067	0x5E03	2	Predictive negative active Power : pP-	W	U32
24069	0x5E05	2	Predictive positive reactive Power : pQ+	var	U32
24071	0x5E07	2	Predictive negative reactive Power : pQ-	var	U32
24073	0x5E09	2	Predictive apparent Power : pS	VA	U32
24075	0x5E0B	1	Predictive power trend: 0 : Up 1 : Stable 2 : Down	-	U16
24076	0x5E0C	2	Predictive power countdown	s	U32
24078	0x5E0E	2	Load curve previous : Date (n-1)	-	DATETIME
24080	0x5E10	1	Load curve previous : Flag (n-1) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
24081	0x5E11	2	Load curve previous : P+ (n-1)	W	U32
24083	0x5E13	2	Load curve previous : P- (n-1)	W	U32
24085	0x5E15	2	Load curve previous : Q+ (n-1)	var	U32
24087	0x5E17	2	Load curve previous : Q- (n-1)	var	U32
24089	0x5E19	2	Load curve previous : S (n-1)	VA	U32

Dec address	Hex address	Words count	Description	Unit	Data type
24091	0x5E1B	2	Load curve previous : Date (n-2)	-	DATETIME
24093	0x5E1D	1	Load curve previous : Flag (n-2) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
24094	0x5E1E	2	Load curve previous : P+ (n-2)	W	U32
24096	0x5E20	2	Load curve previous : P- (n-2)	W	U32
24098	0x5E22	2	Load curve previous : Q+ (n-2)	var	U32
24100	0x5E24	2	Load curve previous : Q- (n-2)	var	U32
24102	0x5E26	2	Load curve previous : S (n-2)	VA	U32
24104	0x5E28	2	Load curve previous : Date (n-3)	-	DATETIME
24106	0x5E2A	1	Load curve previous : Flag (n-3) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
24107	0x5E2B	2	Load curve previous : P+ (n-3)	W	U32
24109	0x5E2D	2	Load curve previous : P- (n-3)	W	U32
24111	0x5E2F	2	Load curve previous : Q+ (n-3)	var	U32
24113	0x5E31	2	Load curve previous : Q- (n-3)	var	U32
24115	0x5E33	2	Load curve previous : S (n-3)	VA	U32
24117	0x5E35	2	Load curve previous : Date (n-4)	-	DATETIME
24119	0x5E37	1	Load curve previous : Flag (n-4) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
24120	0x5E38	2	Load curve previous : P+ (n-4)	W	U32
24122	0x5E3A	2	Load curve previous : P- (n-4)	W	U32
24124	0x5E3C	2	Load curve previous : Q+ (n-4)	var	U32
24126	0x5E3E	2	Load curve previous : Q- (n-4)	var	U32
24128	0x5E40	2	Load curve previous : S (n-4)	VA	U32
24130	0x5E42	2	Load curve previous : Date (n-5)	-	DATETIME
24132	0x5E44	1	Load curve previous : Flag (n-5) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
24133	0x5E45	2	Load curve previous : P+ (n-5)	W	U32
24135	0x5E47	2	Load curve previous : P- (n-5)	W	U32
24137	0x5E49	2	Load curve previous : Q+ (n-5)	var	U32
24139	0x5E4B	2	Load curve previous : Q- (n-5)	var	U32
24141	0x5E4D	2	Load curve previous : S (n-5)	VA	U32

Energy measurement historical - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
26112	0x6600	Info	79	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
26112	0x6600	1	Load status : 0 : Disabled 1 : Enabled	-	U8
26113	0x6601	2	Predictive positive active Power : pP+	W	U32
26115	0x6603	2	Predictive negative active Power : pP-	W	U32

26117	0x6605	2	Predictive positive reactive Power : pQ+	var	U32
26119	0x6607	2	Predictive negative reactive Power : pQ-	var	U32
26121	0x6609	2	Predictive apparent Power : pS	VA	U32
26123	0x660B	1	Predictive power trend: 0 : Up 1 : Stable 2 : Down	-	U16
26124	0x660C	2	Predictive power countdown	s	U32
26126	0x660E	2	Load curve previous : Date (n-1)	-	DATETIME
26128	0x6610	1	Load curve previous : Flag (n-1) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
26129	0x6611	2	Load curve previous : P+ (n-1)	W	U32
26131	0x6613	2	Load curve previous : P- (n-1)	W	U32
26133	0x6615	2	Load curve previous : Q+ (n-1)	var	U32
26135	0x6617	2	Load curve previous : Q- (n-1)	var	U32
26137	0x6619	2	Load curve previous : S (n-1)	VA	U32
26139	0x661B	2	Load curve previous : Date (n-2)	-	DATETIME
26141	0x661D	1	Load curve previous : Flag (n-2) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
26142	0x661E	2	Load curve previous : P+ (n-2)	W	U32
26144	0x6620	2	Load curve previous : P- (n-2)	W	U32
26146	0x6622	2	Load curve previous : Q+ (n-2)	var	U32
26148	0x6624	2	Load curve previous : Q- (n-2)	var	U32
26150	0x6626	2	Load curve previous : S (n-2)	VA	U32
26152	0x6628	2	Load curve previous : Date (n-3)	-	DATETIME
26154	0x662A	1	Load curve previous : Flag (n-3) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
26155	0x662B	2	Load curve previous : P+ (n-3)	W	U32
26157	0x662D	2	Load curve previous : P- (n-3)	W	U32
26159	0x662F	2	Load curve previous : Q+ (n-3)	var	U32
26161	0x6631	2	Load curve previous : Q- (n-3)	var	U32
26163	0x6633	2	Load curve previous : S (n-3)	VA	U32
26165	0x6635	2	Load curve previous : Date (n-4)	-	DATETIME
26167	0x6637	1	Load curve previous : Flag (n-4) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16
26168	0x6638	2	Load curve previous : P+ (n-4)	W	U32
26170	0x663A	2	Load curve previous : P- (n-4)	W	U32
26172	0x663C	2	Load curve previous : Q+ (n-4)	var	U32
26174	0x663E	2	Load curve previous : Q- (n-4)	var	U32
26176	0x6640	2	Load curve previous : S (n-4)	VA	U32
26178	0x6642	2	Load curve previous : Date (n-5)	-	DATETIME
26180	0x6644	1	Load curve previous : Flag (n-5) 0 : full integration period and date/time set 1 : incomplete integration period and date/time set 2 : full integration period and date/time not set 3 : incomplete integration period and date/time not set	-	U16

26181	0x6645	2	Load curve previous : P+ (n-5)	W	U32
26183	0x6647	2	Load curve previous : P- (n-5)	W	U32
26185	0x6649	2	Load curve previous : Q+ (n-5)	var	U32
26187	0x664B	2	Load curve previous : Q- (n-5)	var	U32
26189	0x664D	2	Load curve previous : S (n-5)	VA	U32

Tariff meter (total) - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20224	0x4F00	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20224	0x4F00	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
20225	0x4F01	2	T1 - Ea+	Wh / 0.001	U32
20227	0x4F03	2	T2 - Ea+	Wh / 0.001	U32
20229	0x4F05	2	T3 - Ea+	Wh / 0.001	U32
20231	0x4F07	2	T4 - Ea+	Wh / 0.001	U32
20233	0x4F09	2	T5 - Ea+	Wh / 0.001	U32
20235	0x4F0B	2	T6 - Ea+	Wh / 0.001	U32
20237	0x4F0D	2	T7 - Ea+	Wh / 0.001	U32
20239	0x4F0F	2	T8 - Ea+	Wh / 0.001	U32
20241	0x4F11	2	T1 - Ea-	Wh / 0.001	U32
20243	0x4F13	2	T2 - Ea-	Wh / 0.001	U32
20245	0x4F15	2	T3 - Ea-	Wh / 0.001	U32
20247	0x4F17	2	T4 - Ea-	Wh / 0.001	U32
20249	0x4F19	2	T5 - Ea-	Wh / 0.001	U32
20251	0x4F1B	2	T6 - Ea-	Wh / 0.001	U32
20253	0x4F1D	2	T7 - Ea-	Wh / 0.001	U32
20255	0x4F1F	2	T8 - Ea-	Wh / 0.001	U32
20257	0x4F21	2	T1 - Er+ (lagging)	varh / 0.001	U32
20259	0x4F23	2	T2 - Er+ (lagging)	varh / 0.001	U32
20261	0x4F25	2	T3 - Er+ (lagging)	varh / 0.001	U32
20263	0x4F27	2	T4 - Er+ (lagging)	varh / 0.001	U32
20265	0x4F29	2	T5 - Er+ (lagging)	varh / 0.001	U32
20267	0x4F2B	2	T6 - Er+ (lagging)	varh / 0.001	U32
20269	0x4F2D	2	T7 - Er+ (lagging)	varh / 0.001	U32
20271	0x4F2F	2	T8 - Er+ (lagging)	varh / 0.001	U32
20273	0x4F31	2	T1 - Er+ (leading)	varh / 0.001	U32
20275	0x4F33	2	T2 - Er+ (leading)	varh / 0.001	U32
20277	0x4F35	2	T3 - Er+ (leading)	varh / 0.001	U32
20279	0x4F37	2	T4 - Er+ (leading)	varh / 0.001	U32
20281	0x4F39	2	T5 - Er+ (leading)	varh / 0.001	U32
20283	0x4F3B	2	T6 - Er+ (leading)	varh / 0.001	U32
20285	0x4F3D	2	T7 - Er+ (leading)	varh / 0.001	U32
20287	0x4F3F	2	T8 - Er+ (leading)	varh / 0.001	U32

20289	0x4F41	2	T1 - Er-	varh / 0.001	U32
20291	0x4F43	2	T2 - Er-	varh / 0.001	U32
20293	0x4F45	2	T3 - Er-	varh / 0.001	U32
20295	0x4F47	2	T4 - Er-	varh / 0.001	U32
20297	0x4F49	2	T5 - Er-	varh / 0.001	U32
20299	0x4F4B	2	T6 - Er-	varh / 0.001	U32
20301	0x4F4D	2	T7 - Er-	varh / 0.001	U32
20303	0x4F4F	2	T8 - Er-	varh / 0.001	U32
20305	0x4F51	2	T1 - Eap	VAh / 0.001	U32
20307	0x4F53	2	T2 - Eap	VAh / 0.001	U32
20309	0x4F55	2	T3 - Eap	VAh / 0.001	U32
20311	0x4F57	2	T4 - Eap	VAh / 0.001	U32
20313	0x4F59	2	T5 - Eap	VAh / 0.001	U32
20315	0x4F5B	2	T6 - Eap	VAh / 0.001	U32
20317	0x4F5D	2	T7 - Eap	VAh / 0.001	U32
20319	0x4F5F	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (total) - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22272	0x5700	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22272	0x5700	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
22273	0x5701	2	T1 - Ea+	Wh / 0.001	U32
22275	0x5703	2	T2 - Ea+	Wh / 0.001	U32
22277	0x5705	2	T3 - Ea+	Wh / 0.001	U32
22279	0x5707	2	T4 - Ea+	Wh / 0.001	U32
22281	0x5709	2	T5 - Ea+	Wh / 0.001	U32
22283	0x570B	2	T6 - Ea+	Wh / 0.001	U32
22285	0x570D	2	T7 - Ea+	Wh / 0.001	U32
22287	0x570F	2	T8 - Ea+	Wh / 0.001	U32
22289	0x5711	2	T1 - Ea-	Wh / 0.001	U32
22291	0x5713	2	T2 - Ea-	Wh / 0.001	U32
22293	0x5715	2	T3 - Ea-	Wh / 0.001	U32
22295	0x5717	2	T4 - Ea-	Wh / 0.001	U32
22297	0x5719	2	T5 - Ea-	Wh / 0.001	U32
22299	0x571B	2	T6 - Ea-	Wh / 0.001	U32
22301	0x571D	2	T7 - Ea-	Wh / 0.001	U32
22303	0x571F	2	T8 - Ea-	Wh / 0.001	U32
22305	0x5721	2	T1 - Er+ (lagging)	varh / 0.001	U32
22307	0x5723	2	T2 - Er+ (lagging)	varh / 0.001	U32
22309	0x5725	2	T3 - Er+ (lagging)	varh / 0.001	U32
22311	0x5727	2	T4 - Er+ (lagging)	varh / 0.001	U32
22313	0x5729	2	T5 - Er+ (lagging)	varh / 0.001	U32

22315	0x572B	2	T6 - Er+ (lagging)	varh / 0.001	U32
22317	0x572D	2	T7 - Er+ (lagging)	varh / 0.001	U32
22319	0x572F	2	T8 - Er+ (lagging)	varh / 0.001	U32
22321	0x5731	2	T1 - Er+ (leading)	varh / 0.001	U32
22323	0x5733	2	T2 - Er+ (leading)	varh / 0.001	U32
22325	0x5735	2	T3 - Er+ (leading)	varh / 0.001	U32
22327	0x5737	2	T4 - Er+ (leading)	varh / 0.001	U32
22329	0x5739	2	T5 - Er+ (leading)	varh / 0.001	U32
22331	0x573B	2	T6 - Er+ (leading)	varh / 0.001	U32
22333	0x573D	2	T7 - Er+ (leading)	varh / 0.001	U32
22335	0x573F	2	T8 - Er+ (leading)	varh / 0.001	U32
22337	0x5741	2	T1 - Er-	varh / 0.001	U32
22339	0x5743	2	T2 - Er-	varh / 0.001	U32
22341	0x5745	2	T3 - Er-	varh / 0.001	U32
22343	0x5747	2	T4 - Er-	varh / 0.001	U32
22345	0x5749	2	T5 - Er-	varh / 0.001	U32
22347	0x574B	2	T6 - Er-	varh / 0.001	U32
22349	0x574D	2	T7 - Er-	varh / 0.001	U32
22351	0x574F	2	T8 - Er-	varh / 0.001	U32
22353	0x5751	2	T1 - Eap	VAh / 0.001	U32
22355	0x5753	2	T2 - Eap	VAh / 0.001	U32
22357	0x5755	2	T3 - Eap	VAh / 0.001	U32
22359	0x5757	2	T4 - Eap	VAh / 0.001	U32
22361	0x5759	2	T5 - Eap	VAh / 0.001	U32
22363	0x575B	2	T6 - Eap	VAh / 0.001	U32
22365	0x575D	2	T7 - Eap	VAh / 0.001	U32
22367	0x575F	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (total) - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24320	0x5F00	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24320	0x5F00	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
24321	0x5F01	2	T1 - Ea+	Wh / 0.001	U32
24323	0x5F03	2	T2 - Ea+	Wh / 0.001	U32
24325	0x5F05	2	T3 - Ea+	Wh / 0.001	U32
24327	0x5F07	2	T4 - Ea+	Wh / 0.001	U32
24329	0x5F09	2	T5 - Ea+	Wh / 0.001	U32
24331	0x5F0B	2	T6 - Ea+	Wh / 0.001	U32
24333	0x5F0D	2	T7 - Ea+	Wh / 0.001	U32
24335	0x5F0F	2	T8 - Ea+	Wh / 0.001	U32
24337	0x5F11	2	T1 - Ea-	Wh / 0.001	U32
24339	0x5F13	2	T2 - Ea-	Wh / 0.001	U32

Dec address	Hex address	Words count	Description	Unit	Data type
24341	0x5F15	2	T3 - Ea-	Wh / 0.001	U32
24343	0x5F17	2	T4 - Ea-	Wh / 0.001	U32
24345	0x5F19	2	T5 - Ea-	Wh / 0.001	U32
24347	0x5F1B	2	T6 - Ea-	Wh / 0.001	U32
24349	0x5F1D	2	T7 - Ea-	Wh / 0.001	U32
24351	0x5F1F	2	T8 - Ea-	Wh / 0.001	U32
24353	0x5F21	2	T1 - Er+ (lagging)	varh / 0.001	U32
24355	0x5F23	2	T2 - Er+ (lagging)	varh / 0.001	U32
24357	0x5F25	2	T3 - Er+ (lagging)	varh / 0.001	U32
24359	0x5F27	2	T4 - Er+ (lagging)	varh / 0.001	U32
24361	0x5F29	2	T5 - Er+ (lagging)	varh / 0.001	U32
24363	0x5F2B	2	T6 - Er+ (lagging)	varh / 0.001	U32
24365	0x5F2D	2	T7 - Er+ (lagging)	varh / 0.001	U32
24367	0x5F2F	2	T8 - Er+ (lagging)	varh / 0.001	U32
24369	0x5F31	2	T1 - Er+ (leading)	varh / 0.001	U32
24371	0x5F33	2	T2 - Er+ (leading)	varh / 0.001	U32
24373	0x5F35	2	T3 - Er+ (leading)	varh / 0.001	U32
24375	0x5F37	2	T4 - Er+ (leading)	varh / 0.001	U32
24377	0x5F39	2	T5 - Er+ (leading)	varh / 0.001	U32
24379	0x5F3B	2	T6 - Er+ (leading)	varh / 0.001	U32
24381	0x5F3D	2	T7 - Er+ (leading)	varh / 0.001	U32
24383	0x5F3F	2	T8 - Er+ (leading)	varh / 0.001	U32
24385	0x5F41	2	T1 - Er-	varh / 0.001	U32
24387	0x5F43	2	T2 - Er-	varh / 0.001	U32
24389	0x5F45	2	T3 - Er-	varh / 0.001	U32
24391	0x5F47	2	T4 - Er-	varh / 0.001	U32
24393	0x5F49	2	T5 - Er-	varh / 0.001	U32
24395	0x5F4B	2	T6 - Er-	varh / 0.001	U32
24397	0x5F4D	2	T7 - Er-	varh / 0.001	U32
24399	0x5F4F	2	T8 - Er-	varh / 0.001	U32
24401	0x5F51	2	T1 - Eap	VAh / 0.001	U32
24403	0x5F53	2	T2 - Eap	VAh / 0.001	U32
24405	0x5F55	2	T3 - Eap	VAh / 0.001	U32
24407	0x5F57	2	T4 - Eap	VAh / 0.001	U32
24409	0x5F59	2	T5 - Eap	VAh / 0.001	U32
24411	0x5F5B	2	T6 - Eap	VAh / 0.001	U32
24413	0x5F5D	2	T7 - Eap	VAh / 0.001	U32
24415	0x5F5F	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (total) - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
26368	0x6700	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
26368	0x6700	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7	-	U16

			7 : Tariff 8		
26369	0x6701	2	T1 - Ea+	Wh / 0.001	U32
26371	0x6703	2	T2 - Ea+	Wh / 0.001	U32
26373	0x6705	2	T3 - Ea+	Wh / 0.001	U32
26375	0x6707	2	T4 - Ea+	Wh / 0.001	U32
26377	0x6709	2	T5 - Ea+	Wh / 0.001	U32
26379	0x670B	2	T6 - Ea+	Wh / 0.001	U32
26381	0x670D	2	T7 - Ea+	Wh / 0.001	U32
26383	0x670F	2	T8 - Ea+	Wh / 0.001	U32
26385	0x6711	2	T1 - Ea-	Wh / 0.001	U32
26387	0x6713	2	T2 - Ea-	Wh / 0.001	U32
26389	0x6715	2	T3 - Ea-	Wh / 0.001	U32
26391	0x6717	2	T4 - Ea-	Wh / 0.001	U32
26393	0x6719	2	T5 - Ea-	Wh / 0.001	U32
26395	0x671B	2	T6 - Ea-	Wh / 0.001	U32
26397	0x671D	2	T7 - Ea-	Wh / 0.001	U32
26399	0x671F	2	T8 - Ea-	Wh / 0.001	U32
26401	0x6721	2	T1 - Er+ (lagging)	varh / 0.001	U32
26403	0x6723	2	T2 - Er+ (lagging)	varh / 0.001	U32
26405	0x6725	2	T3 - Er+ (lagging)	varh / 0.001	U32
26407	0x6727	2	T4 - Er+ (lagging)	varh / 0.001	U32
26409	0x6729	2	T5 - Er+ (lagging)	varh / 0.001	U32
26411	0x672B	2	T6 - Er+ (lagging)	varh / 0.001	U32
26413	0x672D	2	T7 - Er+ (lagging)	varh / 0.001	U32
26415	0x672F	2	T8 - Er+ (lagging)	varh / 0.001	U32
26417	0x6731	2	T1 - Er+ (leading)	varh / 0.001	U32
26419	0x6733	2	T2 - Er+ (leading)	varh / 0.001	U32
26421	0x6735	2	T3 - Er+ (leading)	varh / 0.001	U32
26423	0x6737	2	T4 - Er+ (leading)	varh / 0.001	U32
26425	0x6739	2	T5 - Er+ (leading)	varh / 0.001	U32
26427	0x673B	2	T6 - Er+ (leading)	varh / 0.001	U32
26429	0x673D	2	T7 - Er+ (leading)	varh / 0.001	U32
26431	0x673F	2	T8 - Er+ (leading)	varh / 0.001	U32
26433	0x6741	2	T1 - Er-	varh / 0.001	U32
26435	0x6743	2	T2 - Er-	varh / 0.001	U32
26437	0x6745	2	T3 - Er-	varh / 0.001	U32
26439	0x6747	2	T4 - Er-	varh / 0.001	U32
26441	0x6749	2	T5 - Er-	varh / 0.001	U32
26443	0x674B	2	T6 - Er-	varh / 0.001	U32
26445	0x674D	2	T7 - Er-	varh / 0.001	U32
26447	0x674F	2	T8 - Er-	varh / 0.001	U32
26449	0x6751	2	T1 - Eap	VAh / 0.001	U32
26451	0x6753	2	T2 - Eap	VAh / 0.001	U32
26453	0x6755	2	T3 - Eap	VAh / 0.001	U32
26455	0x6757	2	T4 - Eap	VAh / 0.001	U32
26457	0x6759	2	T5 - Eap	VAh / 0.001	U32
26459	0x675B	2	T6 - Eap	VAh / 0.001	U32
26461	0x675D	2	T7 - Eap	VAh / 0.001	U32
26463	0x675F	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (partial) - Load #1

Dec start	Hex start					

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20352	0x4F80	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
20352	0x4F80	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
20353	0x4F81	2	T1 - Ea+	Wh / 0.001	U32
20355	0x4F83	2	T2 - Ea+	Wh / 0.001	U32
20357	0x4F85	2	T3 - Ea+	Wh / 0.001	U32
20359	0x4F87	2	T4 - Ea+	Wh / 0.001	U32
20361	0x4F89	2	T5 - Ea+	Wh / 0.001	U32
20363	0x4F8B	2	T6 - Ea+	Wh / 0.001	U32
20365	0x4F8D	2	T7 - Ea+	Wh / 0.001	U32
20367	0x4F8F	2	T8 - Ea+	Wh / 0.001	U32
20369	0x4F91	2	T1 - Ea-	Wh / 0.001	U32
20371	0x4F93	2	T2 - Ea-	Wh / 0.001	U32
20373	0x4F95	2	T3 - Ea-	Wh / 0.001	U32
20375	0x4F97	2	T4 - Ea-	Wh / 0.001	U32
20377	0x4F99	2	T5 - Ea-	Wh / 0.001	U32
20379	0x4F9B	2	T6 - Ea-	Wh / 0.001	U32
20381	0x4F9D	2	T7 - Ea-	Wh / 0.001	U32
20383	0x4F9F	2	T8 - Ea-	Wh / 0.001	U32
20385	0x4FA1	2	T1 - Er+ (lagging)	varh / 0.001	U32
20387	0x4FA3	2	T2 - Er+ (lagging)	varh / 0.001	U32
20389	0x4FA5	2	T3 - Er+ (lagging)	varh / 0.001	U32
20391	0x4FA7	2	T4 - Er+ (lagging)	varh / 0.001	U32
20393	0x4FA9	2	T5 - Er+ (lagging)	varh / 0.001	U32
20395	0x4FAB	2	T6 - Er+ (lagging)	varh / 0.001	U32
20397	0x4FAD	2	T7 - Er+ (lagging)	varh / 0.001	U32
20399	0x4FAF	2	T8 - Er+ (lagging)	varh / 0.001	U32
20401	0x4FB1	2	T1 - Er+ (leading)	varh / 0.001	U32
20403	0x4FB3	2	T2 - Er+ (leading)	varh / 0.001	U32
20405	0x4FB5	2	T3 - Er+ (leading)	varh / 0.001	U32
20407	0x4FB7	2	T4 - Er+ (leading)	varh / 0.001	U32
20409	0x4FB9	2	T5 - Er+ (leading)	varh / 0.001	U32
20411	0x4FBB	2	T6 - Er+ (leading)	varh / 0.001	U32
20413	0x4FBD	2	T7 - Er+ (leading)	varh / 0.001	U32
20415	0x4FBF	2	T8 - Er+ (leading)	varh / 0.001	U32
20417	0x4FC1	2	T1 - Er-	varh / 0.001	U32
20419	0x4FC3	2	T2 - Er-	varh / 0.001	U32
20421	0x4FC5	2	T3 - Er-	varh / 0.001	U32
20423	0x4FC7	2	T4 - Er-	varh / 0.001	U32
20425	0x4FC9	2	T5 - Er-	varh / 0.001	U32
20427	0x4FCB	2	T6 - Er-	varh / 0.001	U32
20429	0x4FCD	2	T7 - Er-	varh / 0.001	U32
20431	0x4FCF	2	T8 - Er-	varh / 0.001	U32

20433	0x4FD1	2	T1 - Eap	VAh / 0.001	U32
20435	0x4FD3	2	T2 - Eap	VAh / 0.001	U32
20437	0x4FD5	2	T3 - Eap	VAh / 0.001	U32
20439	0x4FD7	2	T4 - Eap	VAh / 0.001	U32
20441	0x4FD9	2	T5 - Eap	VAh / 0.001	U32
20443	0x4FDB	2	T6 - Eap	VAh / 0.001	U32
20445	0x4FDD	2	T7 - Eap	VAh / 0.001	U32
20447	0x4FDF	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (partial) - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
22400	0x5780	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
22400	0x5780	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
22401	0x5781	2	T1 - Ea+	Wh / 0.001	U32
22403	0x5783	2	T2 - Ea+	Wh / 0.001	U32
22405	0x5785	2	T3 - Ea+	Wh / 0.001	U32
22407	0x5787	2	T4 - Ea+	Wh / 0.001	U32
22409	0x5789	2	T5 - Ea+	Wh / 0.001	U32
22411	0x578B	2	T6 - Ea+	Wh / 0.001	U32
22413	0x578D	2	T7 - Ea+	Wh / 0.001	U32
22415	0x578F	2	T8 - Ea+	Wh / 0.001	U32
22417	0x5791	2	T1 - Ea-	Wh / 0.001	U32
22419	0x5793	2	T2 - Ea-	Wh / 0.001	U32
22421	0x5795	2	T3 - Ea-	Wh / 0.001	U32
22423	0x5797	2	T4 - Ea-	Wh / 0.001	U32
22425	0x5799	2	T5 - Ea-	Wh / 0.001	U32
22427	0x579B	2	T6 - Ea-	Wh / 0.001	U32
22429	0x579D	2	T7 - Ea-	Wh / 0.001	U32
22431	0x579F	2	T8 - Ea-	Wh / 0.001	U32
22433	0x57A1	2	T1 - Er+ (lagging)	varh / 0.001	U32
22435	0x57A3	2	T2 - Er+ (lagging)	varh / 0.001	U32
22437	0x57A5	2	T3 - Er+ (lagging)	varh / 0.001	U32
22439	0x57A7	2	T4 - Er+ (lagging)	varh / 0.001	U32
22441	0x57A9	2	T5 - Er+ (lagging)	varh / 0.001	U32
22443	0x57AB	2	T6 - Er+ (lagging)	varh / 0.001	U32
22445	0x57AD	2	T7 - Er+ (lagging)	varh / 0.001	U32
22447	0x57AF	2	T8 - Er+ (lagging)	varh / 0.001	U32
22449	0x57B1	2	T1 - Er+ (leading)	varh / 0.001	U32
22451	0x57B3	2	T2 - Er+ (leading)	varh / 0.001	U32
22453	0x57B5	2	T3 - Er+ (leading)	varh / 0.001	U32
22455	0x57B7	2	T4 - Er+ (leading)	varh / 0.001	U32
22457	0x57B9	2	T5 - Er+ (leading)	varh / 0.001	U32

22459	0x57BB	2	T6 - Er+ (leading)	varh / 0.001	U32
22461	0x57BD	2	T7 - Er+ (leading)	varh / 0.001	U32
22463	0x57BF	2	T8 - Er+ (leading)	varh / 0.001	U32
22465	0x57C1	2	T1 - Er-	varh / 0.001	U32
22467	0x57C3	2	T2 - Er-	varh / 0.001	U32
22469	0x57C5	2	T3 - Er-	varh / 0.001	U32
22471	0x57C7	2	T4 - Er-	varh / 0.001	U32
22473	0x57C9	2	T5 - Er-	varh / 0.001	U32
22475	0x57CB	2	T6 - Er-	varh / 0.001	U32
22477	0x57CD	2	T7 - Er-	varh / 0.001	U32
22479	0x57CF	2	T8 - Er-	varh / 0.001	U32
22481	0x57D1	2	T1 - Eap	VAh / 0.001	U32
22483	0x57D3	2	T2 - Eap	VAh / 0.001	U32
22485	0x57D5	2	T3 - Eap	VAh / 0.001	U32
22487	0x57D7	2	T4 - Eap	VAh / 0.001	U32
22489	0x57D9	2	T5 - Eap	VAh / 0.001	U32
22491	0x57DB	2	T6 - Eap	VAh / 0.001	U32
22493	0x57DD	2	T7 - Eap	VAh / 0.001	U32
22495	0x57DF	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (partial) - Load #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
24448	0x5F80	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
24448	0x5F80	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
24449	0x5F81	2	T1 - Ea+	Wh / 0.001	U32
24451	0x5F83	2	T2 - Ea+	Wh / 0.001	U32
24453	0x5F85	2	T3 - Ea+	Wh / 0.001	U32
24455	0x5F87	2	T4 - Ea+	Wh / 0.001	U32
24457	0x5F89	2	T5 - Ea+	Wh / 0.001	U32
24459	0x5F8B	2	T6 - Ea+	Wh / 0.001	U32
24461	0x5F8D	2	T7 - Ea+	Wh / 0.001	U32
24463	0x5F8F	2	T8 - Ea+	Wh / 0.001	U32
24465	0x5F91	2	T1 - Ea-	Wh / 0.001	U32
24467	0x5F93	2	T2 - Ea-	Wh / 0.001	U32
24469	0x5F95	2	T3 - Ea-	Wh / 0.001	U32
24471	0x5F97	2	T4 - Ea-	Wh / 0.001	U32
24473	0x5F99	2	T5 - Ea-	Wh / 0.001	U32
24475	0x5F9B	2	T6 - Ea-	Wh / 0.001	U32
24477	0x5F9D	2	T7 - Ea-	Wh / 0.001	U32
24479	0x5F9F	2	T8 - Ea-	Wh / 0.001	U32
24481	0x5FA1	2	T1 - Er+ (lagging)	varh / 0.001	U32
24483	0x5FA3	2	T2 - Er+ (lagging)	varh / 0.001	U32

24485	0x5FA5	2	T3 - Er+ (lagging)	varh / 0.001	U32
24487	0x5FA7	2	T4 - Er+ (lagging)	varh / 0.001	U32
24489	0x5FA9	2	T5 - Er+ (lagging)	varh / 0.001	U32
24491	0x5FAB	2	T6 - Er+ (lagging)	varh / 0.001	U32
24493	0x5FAD	2	T7 - Er+ (lagging)	varh / 0.001	U32
24495	0x5FAF	2	T8 - Er+ (lagging)	varh / 0.001	U32
24497	0x5FB1	2	T1 - Er+ (leading)	varh / 0.001	U32
24499	0x5FB3	2	T2 - Er+ (leading)	varh / 0.001	U32
24501	0x5FB5	2	T3 - Er+ (leading)	varh / 0.001	U32
24503	0x5FB7	2	T4 - Er+ (leading)	varh / 0.001	U32
24505	0x5FB9	2	T5 - Er+ (leading)	varh / 0.001	U32
24507	0x5FBB	2	T6 - Er+ (leading)	varh / 0.001	U32
24509	0x5FBD	2	T7 - Er+ (leading)	varh / 0.001	U32
24511	0x5FBF	2	T8 - Er+ (leading)	varh / 0.001	U32
24513	0x5FC1	2	T1 - Er-	varh / 0.001	U32
24515	0x5FC3	2	T2 - Er-	varh / 0.001	U32
24517	0x5FC5	2	T3 - Er-	varh / 0.001	U32
24519	0x5FC7	2	T4 - Er-	varh / 0.001	U32
24521	0x5FC9	2	T5 - Er-	varh / 0.001	U32
24523	0x5FCB	2	T6 - Er-	varh / 0.001	U32
24525	0x5FCD	2	T7 - Er-	varh / 0.001	U32
24527	0x5FCF	2	T8 - Er-	varh / 0.001	U32
24529	0x5FD1	2	T1 - Eap	VAh / 0.001	U32
24531	0x5FD3	2	T2 - Eap	VAh / 0.001	U32
24533	0x5FD5	2	T3 - Eap	VAh / 0.001	U32
24535	0x5FD7	2	T4 - Eap	VAh / 0.001	U32
24537	0x5FD9	2	T5 - Eap	VAh / 0.001	U32
24539	0x5FDB	2	T6 - Eap	VAh / 0.001	U32
24541	0x5FDD	2	T7 - Eap	VAh / 0.001	U32
24543	0x5FDF	2	T8 - Eap	VAh / 0.001	U32

Tariff meter (partial) - Load #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
26496	0x6780	Info	97	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
26496	0x6780	1	Tariff number in progress 0 : Tariff 1 1 : Tariff 2 2 : Tariff 3 3 : Tariff 4 4 : Tariff 5 5 : Tariff 6 6 : Tariff 7 7 : Tariff 8	-	U16
26497	0x6781	2	T1 - Ea+	Wh / 0.001	U32
26499	0x6783	2	T2 - Ea+	Wh / 0.001	U32
26501	0x6785	2	T3 - Ea+	Wh / 0.001	U32
26503	0x6787	2	T4 - Ea+	Wh / 0.001	U32
26505	0x6789	2	T5 - Ea+	Wh / 0.001	U32
26507	0x678B	2	T6 - Ea+	Wh / 0.001	U32
26509	0x678D	2	T7 - Ea+	Wh / 0.001	U32

26511	0x678F	2	T8 - Ea+	Wh / 0.001	U32
26513	0x6791	2	T1 - Ea-	Wh / 0.001	U32
26515	0x6793	2	T2 - Ea-	Wh / 0.001	U32
26517	0x6795	2	T3 - Ea-	Wh / 0.001	U32
26519	0x6797	2	T4 - Ea-	Wh / 0.001	U32
26521	0x6799	2	T5 - Ea-	Wh / 0.001	U32
26523	0x679B	2	T6 - Ea-	Wh / 0.001	U32
26525	0x679D	2	T7 - Ea-	Wh / 0.001	U32
26527	0x679F	2	T8 - Ea-	Wh / 0.001	U32
26529	0x67A1	2	T1 - Er+ (lagging)	varh / 0.001	U32
26531	0x67A3	2	T2 - Er+ (lagging)	varh / 0.001	U32
26533	0x67A5	2	T3 - Er+ (lagging)	varh / 0.001	U32
26535	0x67A7	2	T4 - Er+ (lagging)	varh / 0.001	U32
26537	0x67A9	2	T5 - Er+ (lagging)	varh / 0.001	U32
26539	0x67AB	2	T6 - Er+ (lagging)	varh / 0.001	U32
26541	0x67AD	2	T7 - Er+ (lagging)	varh / 0.001	U32
26543	0x67AF	2	T8 - Er+ (lagging)	varh / 0.001	U32
26545	0x67B1	2	T1 - Er+ (leading)	varh / 0.001	U32
26547	0x67B3	2	T2 - Er+ (leading)	varh / 0.001	U32
26549	0x67B5	2	T3 - Er+ (leading)	varh / 0.001	U32
26551	0x67B7	2	T4 - Er+ (leading)	varh / 0.001	U32
26553	0x67B9	2	T5 - Er+ (leading)	varh / 0.001	U32
26555	0x67BB	2	T6 - Er+ (leading)	varh / 0.001	U32
26557	0x67BD	2	T7 - Er+ (leading)	varh / 0.001	U32
26559	0x67BF	2	T8 - Er+ (leading)	varh / 0.001	U32
26561	0x67C1	2	T1 - Er-	varh / 0.001	U32
26563	0x67C3	2	T2 - Er-	varh / 0.001	U32
26565	0x67C5	2	T3 - Er-	varh / 0.001	U32
26567	0x67C7	2	T4 - Er-	varh / 0.001	U32
26569	0x67C9	2	T5 - Er-	varh / 0.001	U32
26571	0x67CB	2	T6 - Er-	varh / 0.001	U32
26573	0x67CD	2	T7 - Er-	varh / 0.001	U32
26575	0x67CF	2	T8 - Er-	varh / 0.001	U32
26577	0x67D1	2	T1 - Eap	VAh / 0.001	U32
26579	0x67D3	2	T2 - Eap	VAh / 0.001	U32
26581	0x67D5	2	T3 - Eap	VAh / 0.001	U32
26583	0x67D7	2	T4 - Eap	VAh / 0.001	U32
26585	0x67D9	2	T5 - Eap	VAh / 0.001	U32
26587	0x67DB	2	T6 - Eap	VAh / 0.001	U32
26589	0x67DD	2	T7 - Eap	VAh / 0.001	U32
26591	0x67DF	2	T8 - Eap	VAh / 0.001	U32

Network

Inst. measurement - Network

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 / 100	U32
36869	0x9005	2	System Ph-Ph Voltage	V / 100	U32
36871	0x9007	2	Frequency	Hz / 1000	U32
36873	0x9009	2	Ph-N Voltage : V1	V / 100	U32
36875	0x900B	2	Ph-N Voltage : V2	V / 100	U32
36877	0x900D	2	Ph-N Voltage : V3	V / 100	U32
36879	0x900F	2	Ph-N Voltage : Vn	V / 100	U32
36881	0x9011	2	Ph-Ph Voltage : U12	V / 100	U32
36883	0x9013	2	Ph-Ph Voltage : U23	V / 100	U32
36885	0x9015	2	Ph-Ph Voltage : U31	V / 100	U32
36887	0x9017	2	Vdir	V / 100	U32
36889	0x9019	2	Vinv	V / 100	U32
36891	0x901B	2	Vhom	V / 100	U32
36893	0x901D	1	Vnb	% / 100	U16
36894	0x901E	2	Udir	V / 100	U32
36896	0x9020	2	Uinv	V / 100	U32
36898	0x9022	1	Unb	% / 100	U16
36899	0x9023	1	Vnba	% / 100	U16
36900	0x9024	1	Unba	% / 100	U16

Avg. measurement - Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
36992	0x9080	Info	37	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
36992	0x9080	2	Date of last instance	s	DATETIME
36994	0x9082	1	Integration time	s	U16
36995	0x9083	2	System Ph-N Voltage	V / 100	U32
36997	0x9085	2	System Ph-Ph Voltage	V / 100	U32
36999	0x9087	2	Frequency	Hz / 1000	U32
37001	0x9089	2	Ph-N Voltage : V1	V / 100	U32
37003	0x908B	2	Ph-N Voltage : V2	V / 100	U32
37005	0x908D	2	Ph-N Voltage : V3	V / 100	U32
37007	0x908F	2	Ph-N Voltage : Vn	V / 100	U32
37009	0x9091	2	Ph-Ph Voltage : U12	V / 100	U32
37011	0x9093	2	Ph-Ph Voltage : U23	V / 100	U32
37013	0x9095	2	Ph-Ph Voltage : U31	V / 100	U32
37015	0x9097	2	Vdir	V / 100	U32
37017	0x9099	2	Vinv	V / 100	U32
37019	0x909B	2	Vhom	V / 100	U32
37021	0x909D	1	Vnb	% / 100	U16
37022	0x909E	2	Udir	V / 100	U32
37024	0x90A0	2	Uinv	V / 100	U32
37026	0x90A2	1	Unb	% / 100	U16
37027	0x90A3	1	Vnba	% / 100	U16
37028	0x90A4	1	Unba	% / 100	U16

Inst. fundamental measurement - Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37120	0x9100	Info	30	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 / 100	U32
37125	0x9105	2	Ph-N voltage: V2h1	V / 100	U32
37127	0x9107	2	Ph-N voltage: V3h1	V / 100	U32
37129	0x9109	2	Ph-N voltage: Vnh1	V / 100	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 / 100	U32
37137	0x9111	2	Ph-Ph voltage: U23h1	V / 100	U32
37139	0x9113	2	Ph-Ph voltage: U31h1	V / 100	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
37144	0x9118	1	Ph-N Voltage total harmonic distortion : THD V1	% / 100	U16
37145	0x9119	1	Ph-N Voltage total harmonic distortion : THD V2	% / 100	U16
37146	0x911A	1	Ph-N Voltage total harmonic distortion : THD V3	% / 100	U16
37147	0x911B	1	Ph-Ph Voltage total harmonic distortion : THD U12	% / 100	U16
37148	0x911C	1	Ph-Ph Voltage total harmonic distortion : THD U23	% / 100	U16
37149	0x911D	1	Ph-Ph Voltage total harmonic distortion : THD U31	% / 100	U16

Inst. quality min/max - Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37248	0x9180	Info	60	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
37248	0x9180	1	Maximum Vnb	% / 100	U16
37249	0x9181	2	Date of maximum Vnb	-	DATETIME
37251	0x9183	1	Maximum Vnba	% / 100	U16
37252	0x9184	2	Date of maximum Vnba	-	DATETIME
37254	0x9186	1	Maximum Unb	% / 100	U16
37255	0x9187	2	Date of maximum Unb	-	DATETIME
37257	0x9189	1	Maximum Unba	% / 100	U16
37258	0x918A	2	Date of maximum Unba	-	DATETIME
37260	0x918C	1	Maximum THD V1	% / 100	U16
37261	0x918D	2	Date of maximum THD V1	-	DATETIME
37263	0x918F	1	Maximum THD V2	% / 100	U16
37264	0x9190	2	Date of maximum THD V2	-	DATETIME
37266	0x9192	1	Maximum THD V3	% / 100	U16
37267	0x9193	2	Date of maximum THD V3	-	DATETIME
37269	0x9195	1	Maximum THD U12	% / 100	U16
37270	0x9196	2	Date of maximum THD U12	-	DATETIME

37272	0x9198	1	Maximum THD U23	% / 100	U16
37273	0x9199	2	Date of maximum THD U23	-	DATETIME
37275	0x919B	1	Maximum THD U31	% / 100	U16
37276	0x919C	2	Date of maximum THD U31	-	DATETIME
37278	0x919E	1	Minimum Vnb	% / 100	U16
37279	0x919F	2	Date of minimum Vnb	-	DATETIME
37281	0x91A1	1	Minimum Vnba	% / 100	U16
37282	0x91A2	2	Date of minimum Vnba	-	DATETIME
37284	0x91A4	1	Minimum Unb	% / 100	U16
37285	0x91A5	2	Date of minimum Unb	-	DATETIME
37287	0x91A7	1	Minimum Unba	% / 100	U16
37288	0x91A8	2	Date of minimum Unba	-	DATETIME
37290	0x91AA	1	Minimum THD V1	% / 100	U16
37291	0x91AB	2	Date of minimum THD V1	-	DATETIME
37293	0x91AD	1	Minimum THD V2	% / 100	U16
37294	0x91AE	2	Date of minimum THD V2	-	DATETIME
37296	0x91B0	1	Minimum THD V3	% / 100	U16
37297	0x91B1	2	Date of minimum THD V3	-	DATETIME
37299	0x91B3	1	Minimum THD U12	% / 100	U16
37300	0x91B4	2	Date of minimum THD U12	-	DATETIME
37302	0x91B6	1	Minimum THD U23	% / 100	U16
37303	0x91B7	2	Date of minimum THD U23	-	DATETIME
37305	0x91B9	1	Minimum THD U31	% / 100	U16
37306	0x91BA	2	Date of minimum THD U31	-	DATETIME

Inst. V harmonics - Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37504	0x9280	Info	81	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
37504	0x9280	1	harmonic V1 row 2	% / 100	U16
37505	0x9281	1	harmonic V2 row 2	% / 100	U16
37506	0x9282	1	harmonic V3 row 2	% / 100	U16
37507	0x9283	1	harmonic V1 row 3	% / 100	U16
37508	0x9284	1	harmonic V2 row 3	% / 100	U16
37509	0x9285	1	harmonic V3 row 3	% / 100	U16
37510	0x9286	1	harmonic V1 row 4	% / 100	U16
37511	0x9287	1	harmonic V2 row 4	% / 100	U16
37512	0x9288	1	harmonic V3 row 4	% / 100	U16
37513	0x9289	1	harmonic V1 row 5	% / 100	U16
37514	0x928A	1	harmonic V2 row 5	% / 100	U16
37515	0x928B	1	harmonic V3 row 5	% / 100	U16
37516	0x928C	1	harmonic V1 row 6	% / 100	U16
37517	0x928D	1	harmonic V2 row 6	% / 100	U16
37518	0x928E	1	harmonic V3 row 6	% / 100	U16
37519	0x928F	1	harmonic V1 row 7	% / 100	U16
37520	0x9290	1	harmonic V2 row 7	% / 100	U16
37521	0x9291	1	harmonic V3 row 7	% / 100	U16
37522	0x9292	1	harmonic V1 row 8	% / 100	U16
37523	0x9293	1	harmonic V2 row 8	% / 100	U16

37524	0x9294	1	harmonic V3 row 8	% / 100	U16
37525	0x9295	1	harmonic V1 row 9	% / 100	U16
37526	0x9296	1	harmonic V2 row 9	% / 100	U16
37527	0x9297	1	harmonic V3 row 9	% / 100	U16
37528	0x9298	1	harmonic V1 row 10	% / 100	U16
37529	0x9299	1	harmonic V2 row 10	% / 100	U16
37530	0x929A	1	harmonic V3 row 10	% / 100	U16
37531	0x929B	1	harmonic V1 row 11	% / 100	U16
37532	0x929C	1	harmonic V2 row 11	% / 100	U16
37533	0x929D	1	harmonic V3 row 11	% / 100	U16
37534	0x929E	1	harmonic V1 row 12	% / 100	U16
37535	0x929F	1	harmonic V2 row 12	% / 100	U16
37536	0x92A0	1	harmonic V3 row 12	% / 100	U16
37537	0x92A1	1	harmonic V1 row 13	% / 100	U16
37538	0x92A2	1	harmonic V2 row 13	% / 100	U16
37539	0x92A3	1	harmonic V3 row 13	% / 100	U16
37540	0x92A4	1	harmonic V1 row 14	% / 100	U16
37541	0x92A5	1	harmonic V2 row 14	% / 100	U16
37542	0x92A6	1	harmonic V3 row 14	% / 100	U16
37543	0x92A7	1	harmonic V1 row 15	% / 100	U16
37544	0x92A8	1	harmonic V2 row 15	% / 100	U16
37545	0x92A9	1	harmonic V3 row 15	% / 100	U16
37546	0x92AA	1	harmonic V1 row 16	% / 100	U16
37547	0x92AB	1	harmonic V2 row 16	% / 100	U16
37548	0x92AC	1	harmonic V3 row 16	% / 100	U16
37549	0x92AD	1	harmonic V1 row 17	% / 100	U16
37550	0x92AE	1	harmonic V2 row 17	% / 100	U16
37551	0x92AF	1	harmonic V3 row 17	% / 100	U16
37552	0x92B0	1	harmonic V1 row 18	% / 100	U16
37553	0x92B1	1	harmonic V2 row 18	% / 100	U16
37554	0x92B2	1	harmonic V3 row 18	% / 100	U16
37555	0x92B3	1	harmonic V1 row 19	% / 100	U16
37556	0x92B4	1	harmonic V2 row 19	% / 100	U16
37557	0x92B5	1	harmonic V3 row 19	% / 100	U16
37558	0x92B6	1	harmonic V1 row 20	% / 100	U16
37559	0x92B7	1	harmonic V2 row 20	% / 100	U16
37560	0x92B8	1	harmonic V3 row 20	% / 100	U16
37561	0x92B9	1	harmonic V1 row 21	% / 100	U16
37562	0x92BA	1	harmonic V2 row 21	% / 100	U16
37563	0x92BB	1	harmonic V3 row 21	% / 100	U16
37564	0x92BC	1	harmonic V1 row 22	% / 100	U16
37565	0x92BD	1	harmonic V2 row 22	% / 100	U16
37566	0x92BE	1	harmonic V3 row 22	% / 100	U16
37567	0x92BF	1	harmonic V1 row 23	% / 100	U16
37568	0x92C0	1	harmonic V2 row 23	% / 100	U16
37569	0x92C1	1	harmonic V3 row 23	% / 100	U16
37570	0x92C2	1	harmonic V1 row 24	% / 100	U16
37571	0x92C3	1	harmonic V2 row 24	% / 100	U16
37572	0x92C4	1	harmonic V3 row 24	% / 100	U16
37573	0x92C5	1	harmonic V1 row 25	% / 100	U16
37574	0x92C6	1	harmonic V2 row 25	% / 100	U16
37575	0x92C7	1	harmonic V3 row 25	% / 100	U16

Dec address	Hex address	Words count	Description	Unit	Data type
37576	0x92C8	1	harmonic V1 row 26 to 34	% / 100	U16
37577	0x92C9	1	harmonic V2 row 26 to 34	% / 100	U16
37578	0x92CA	1	harmonic V3 row 26 to 34	% / 100	U16
37579	0x92CB	1	harmonic V1 row 35 to 50	% / 100	U16
37580	0x92CC	1	harmonic V2 row 35 to 50	% / 100	U16
37581	0x92CD	1	harmonic V3 row 35 to 50	% / 100	U16
37582	0x92CE	1	harmonic V1 row 51 to 63	% / 100	U16
37583	0x92CF	1	harmonic V2 row 51 to 63	% / 100	U16
37584	0x92D0	1	harmonic V3 row 51 to 63	% / 100	U16

Inst. U harmonics - Network

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
37632	0x9300	Info	81	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
37632	0x9300	1	harmonic U12 row 2	% / 100	U16
37633	0x9301	1	harmonic U23 row 2	% / 100	U16
37634	0x9302	1	harmonic U31 row 2	% / 100	U16
37635	0x9303	1	harmonic U12 row 3	% / 100	U16
37636	0x9304	1	harmonic U23 row 3	% / 100	U16
37637	0x9305	1	harmonic U31 row 3	% / 100	U16
37638	0x9306	1	harmonic U12 row 4	% / 100	U16
37639	0x9307	1	harmonic U23 row 4	% / 100	U16
37640	0x9308	1	harmonic U31 row 4	% / 100	U16
37641	0x9309	1	harmonic U12 row 5	% / 100	U16
37642	0x930A	1	harmonic U23 row 5	% / 100	U16
37643	0x930B	1	harmonic U31 row 5	% / 100	U16
37644	0x930C	1	harmonic U12 row 6	% / 100	U16
37645	0x930D	1	harmonic U23 row 6	% / 100	U16
37646	0x930E	1	harmonic U31 row 6	% / 100	U16
37647	0x930F	1	harmonic U12 row 7	% / 100	U16
37648	0x9310	1	harmonic U23 row 7	% / 100	U16
37649	0x9311	1	harmonic U31 row 7	% / 100	U16
37650	0x9312	1	harmonic U12 row 8	% / 100	U16
37651	0x9313	1	harmonic U23 row 8	% / 100	U16
37652	0x9314	1	harmonic U31 row 8	% / 100	U16
37653	0x9315	1	harmonic U12 row 9	% / 100	U16
37654	0x9316	1	harmonic U23 row 9	% / 100	U16
37655	0x9317	1	harmonic U31 row 9	% / 100	U16
37656	0x9318	1	harmonic U12 row 10	% / 100	U16
37657	0x9319	1	harmonic U23 row 10	% / 100	U16
37658	0x931A	1	harmonic U31 row 10	% / 100	U16
37659	0x931B	1	harmonic U12 row 11	% / 100	U16
37660	0x931C	1	harmonic U23 row 11	% / 100	U16
37661	0x931D	1	harmonic U31 row 11	% / 100	U16
37662	0x931E	1	harmonic U12 row 12	% / 100	U16
37663	0x931F	1	harmonic U23 row 12	% / 100	U16
37664	0x9320	1	harmonic U31 row 12	% / 100	U16
37665	0x9321	1	harmonic U12 row 13	% / 100	U16
37666	0x9322	1	harmonic U23 row 13	% / 100	U16

37667	0x9323	1	harmonic U31 row 13	% / 100	U16
37668	0x9324	1	harmonic U12 row 14	% / 100	U16
37669	0x9325	1	harmonic U23 row 14	% / 100	U16
37670	0x9326	1	harmonic U31 row 14	% / 100	U16
37671	0x9327	1	harmonic U12 row 15	% / 100	U16
37672	0x9328	1	harmonic U23 row 15	% / 100	U16
37673	0x9329	1	harmonic U31 row 15	% / 100	U16
37674	0x932A	1	harmonic U12 row 16	% / 100	U16
37675	0x932B	1	harmonic U23 row 16	% / 100	U16
37676	0x932C	1	harmonic U31 row 16	% / 100	U16
37677	0x932D	1	harmonic U12 row 17	% / 100	U16
37678	0x932E	1	harmonic U23 row 17	% / 100	U16
37679	0x932F	1	harmonic U31 row 17	% / 100	U16
37680	0x9330	1	harmonic U12 row 18	% / 100	U16
37681	0x9331	1	harmonic U23 row 18	% / 100	U16
37682	0x9332	1	harmonic U31 row 18	% / 100	U16
37683	0x9333	1	harmonic U12 row 19	% / 100	U16
37684	0x9334	1	harmonic U23 row 19	% / 100	U16
37685	0x9335	1	harmonic U31 row 19	% / 100	U16
37686	0x9336	1	harmonic U12 row 20	% / 100	U16
37687	0x9337	1	harmonic U23 row 20	% / 100	U16
37688	0x9338	1	harmonic U31 row 20	% / 100	U16
37689	0x9339	1	harmonic U12 row 21	% / 100	U16
37690	0x933A	1	harmonic U23 row 21	% / 100	U16
37691	0x933B	1	harmonic U31 row 21	% / 100	U16
37692	0x933C	1	harmonic U12 row 22	% / 100	U16
37693	0x933D	1	harmonic U23 row 22	% / 100	U16
37694	0x933E	1	harmonic U31 row 22	% / 100	U16
37695	0x933F	1	harmonic U12 row 23	% / 100	U16
37696	0x9340	1	harmonic U23 row 23	% / 100	U16
37697	0x9341	1	harmonic U31 row 23	% / 100	U16
37698	0x9342	1	harmonic U12 row 24	% / 100	U16
37699	0x9343	1	harmonic U23 row 24	% / 100	U16
37700	0x9344	1	harmonic U31 row 24	% / 100	U16
37701	0x9345	1	harmonic U12 row 25	% / 100	U16
37702	0x9346	1	harmonic U23 row 25	% / 100	U16
37703	0x9347	1	harmonic U31 row 25	% / 100	U16
37704	0x9348	1	harmonic U12 row 26 to 34	% / 100	U16
37705	0x9349	1	harmonic U23 row 26 to 34	% / 100	U16
37706	0x934A	1	harmonic U31 row 26 to 34	% / 100	U16
37707	0x934B	1	harmonic U12 row 35 to 50	% / 100	U16
37708	0x934C	1	harmonic U23 row 35 to 50	% / 100	U16
37709	0x934D	1	harmonic U31 row 35 to 50	% / 100	U16
37710	0x934E	1	harmonic U12 row 51 to 63	% / 100	U16
37711	0x934F	1	harmonic U23 row 51 to 63	% / 100	U16
37712	0x9350	1	harmonic U31 row 51 to 63	% / 100	U16

Extensions

Multi-fluid

Multi-fluid feeder #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10240	0x2800	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10240	0x2800	1	Enable 0 : Disabled 1 : Enabled	-	U8
10241	0x2801	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10242	0x2802	8	Reserved	-	-
10250	0x280A	1	Nature	-	U8
10251	0x280B	1	Usage	-	U8
10252	0x280C	4	Partial	-	S64
10256	0x2810	4	Total	-	S64
10260	0x2814	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10261	0x2815	2	Weight	- / 100	S32

Multi-fluid feeder #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10271	0x281F	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10271	0x281F	1	Enable 0 : Disabled 1 : Enabled	-	U8
10272	0x2820	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10273	0x2821	8	Reserved	-	-
10281	0x2829	1	Nature	-	U8
10282	0x282A	1	Usage	-	U8
10283	0x282B	4	Partial	-	S64
10287	0x282F	4	Total	-	S64
10291	0x2833	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10292	0x2834	2	Weight	- / 100	S32

Multi-fluid feeder #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10302	0x283E	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10302	0x283E	1	Enable 0 : Disabled 1 : Enabled	-	U8

Dec address	Hex address	Words count	Description	Unit	Data type
10303	0x283F	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10304	0x2840	8	Reserved	-	-
10312	0x2848	1	Nature	-	U8
10313	0x2849	1	Usage	-	U8
10314	0x284A	4	Partial	-	S64
10318	0x284E	4	Total	-	S64
10322	0x2852	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10323	0x2853	2	Weight	- / 100	S32

Multi-fluid feeder #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10333	0x285D	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10333	0x285D	1	Enable 0 : Disabled 1 : Enabled	-	U8
10334	0x285E	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10335	0x285F	8	Reserved	-	-
10343	0x2867	1	Nature	-	U8

Dec address	Hex address	Words count	Description	Unit	Data type
10344	0x2868	1	Usage	-	U8
10345	0x2869	4	Partial	-	S64
10349	0x286D	4	Total	-	S64
10353	0x2871	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10354	0x2872	2	Weight	- / 100	S32

Multi-fluid feeder #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10364	0x287C	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10364	0x287C	1	Enable 0 : Disabled 1 : Enabled	-	U8
10365	0x287D	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10366	0x287E	8	Reserved	-	-
10374	0x2886	1	Nature	-	U8
10375	0x2887	1	Usage	-	U8
10376	0x2888	4	Partial	-	S64
10380	0x288C	4	Total	-	S64
			Unit 0 : Wh		

Dec address	Hex address	Words count	Description	Unit	Data type
10384	0x2890	1	1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10385	0x2891	2	Weight	- / 100	S32

Multi-fluid feeder #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10395	0x289B	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10395	0x289B	1	Enable 0 : Disabled 1 : Enabled	-	U8
10396	0x289C	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10397	0x289D	8	Reserved	-	-
10405	0x28A5	1	Nature	-	U8
10406	0x28A6	1	Usage	-	U8
10407	0x28A7	4	Partial	-	S64
10411	0x28AB	4	Total	-	S64
			Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L		

Dec address	Hex address	Words count	Description	Unit	Data type
10415	0x28AF	1	8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10416	0x28B0	2	Weight	- / 100	S32

Multi-fluid feeder #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10426	0x28BA	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10426	0x28BA	1	Enable 0 : Disabled 1 : Enabled	-	U8
10427	0x28BB	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10428	0x28BC	8	Reserved	-	-
10436	0x28C4	1	Nature	-	U8
10437	0x28C5	1	Usage	-	U8
10438	0x28C6	4	Partial	-	S64
10442	0x28CA	4	Total	-	S64
			Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ		

Dec address	Hex address	Words count	Description	Unit	Data type
10446	0x28CE	1	16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8
10447	0x28CF	2	Weight	- / 100	S32

Multi-fluid feeder #8

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10457	0x28D9	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10457	0x28D9	1	Enable 0 : Disabled 1 : Enabled	-	U8
10458	0x28DA	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10459	0x28DB	8	Reserved	-	-
10467	0x28E3	1	Nature	-	U8
10468	0x28E4	1	Usage	-	U8
10469	0x28E5	4	Partial	-	S64
10473	0x28E9	4	Total	-	S64
10477	0x28ED	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3	-	U8

			24 : MNm3		
			25 : MJ		
			26 : MImp		
			27 : ML		
			28 : MCustom Unit		
			30 : GWh		
			31 : Gvarh		
			32 : GVAh		
			33 : Gm3		
			34 : GNm3		
			35 : GJ		
			36 : GImp		
			37 : GL		
			38 : GCustom Unit		
10478	0x28EE	2	Weight	- / 100	S32

Multi-fluid feeder #9

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10488	0x28F8	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10488	0x28F8	1	Enable 0 : Disabled 1 : Enabled	-	U8
10489	0x28F9	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10490	0x28FA	8	Reserved	-	-
10498	0x2902	1	Nature	-	U8
10499	0x2903	1	Usage	-	U8
10500	0x2904	4	Partial	-	S64
10504	0x2908	4	Total	-	S64
10508	0x290C	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh	-	U8

			32 : GVAh		
			33 : Gm3		
			34 : GNm3		
			35 : GJ		
			36 : GImp		
			37 : GL		
			38 : GCustom Unit		
10509	0x290D	2	Weight	- / 100	S32

Multi-fluid feeder #10

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
10519	0x2917	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
10519	0x2917	1	Enable 0 : Disabled 1 : Enabled	-	U8
10520	0x2918	1	Status 0 : eMffSrcNotAvailable 1 : eMffSrcAvailable 2 : eMffSrcUnknown	-	U8
10521	0x2919	8	Reserved	-	-
10529	0x2921	1	Nature	-	U8
10530	0x2922	1	Usage	-	U8
10531	0x2923	4	Partial	-	S64
10535	0x2927	4	Total	-	S64
10539	0x292B	1	Unit 0 : Wh 1 : varh 2 : VAh 3 : m3 4 : Nm3 5 : J 6 : Imp 7 : L 8 : Custom Unit 10 : kWh 11 : kvarh 12 : kVAh 13 : km3 14 : kNm3 15 : kJ 16 : kImp 17 : kL 18 : kCustom Unit 20 : MWh 21 : Mvarh 22 : MVAh 23 : Mm3 24 : MNm3 25 : MJ 26 : MImp 27 : ML 28 : MCustom Unit 30 : GWh 31 : Gvarh 32 : GVAh 33 : Gm3 34 : GNm3 35 : GJ 36 : GImp 37 : GL 38 : GCustom Unit	-	U8

| 10540 | 0x292C | 2 | Weight | - / 100 | S32 |

I/O

Logical I/O

Logical Input

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11248	0x2BF0	Info	14	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11248	0x2BF0	1	Inputs number	-	U16
11249	0x2BF1	1	Bit x : Input x Available (1)/Not available (0)	-	U16_HEX
11250	0x2BF2	1	Bit x : Input x Activated (1)/Deactivated (0)	-	U16_HEX
11251	0x2BF3	1	Bit x : Input x NC (1)/NO (0)	-	U16_HEX
11252	0x2BF4	1	Input 1 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11253	0x2BF5	1	Input 2 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11254	0x2BF6	1	Input 3 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11255	0x2BF7	1	Input 4 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11256	0x2BF8	1	Input 5 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
			255 : eFctMutiple		
11257	0x2BF9	1	Input 6 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11258	0x2BFA	1	Input 7 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11259	0x2BFB	1	Input 8 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11260	0x2BFC	1	Input 9 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16
11261	0x2BFD	1	Input 10 function 0 : eFctNone 1 : eFctAlmAck 2 : eFctAlmIn 4 : eFctMff 6 : eFctTopSynchro 7 : eFctTrip 8 : eFctTariff 255 : eFctMutiple	-	U16

Logical Output

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11280	0x2C10	Settings	14	NONE	READ | WRITE | WRITE_MANY	READ | WRITE | WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
11280	0x2C10	1	Outputs number	-	U16
11281	0x2C11	1	Bit x : Output x Available (1)/Not available (0)	-	U16_HEX
11282	0x2C12	1	Bit x : Output x Activated (1)/Deactivated (0)	-	U16_HEX
11283	0x2C13	1	Bit x : Output x NC (1)/NO (0)	-	U16_HEX
11284	0x2C14	1	Bit x : Output x Cmd Deactivate Yes (1)/No (0)	-	U16_HEX
11285	0x2C15	1	Bit x : Output x Cmd Activate Yes (1)/No (0)	-	U16_HEX
11286	0x2C16	1	Ouput 1 function 0 : eFctNone 3 : eFctAlmReport	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
			5 : eFctLoadShedding		
			255 : eFctMutiple		
11287	0x2C17	1	Ouput 2 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11288	0x2C18	1	Ouput 3 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11289	0x2C19	1	Ouput 4 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11290	0x2C1A	1	Ouput 5 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11291	0x2C1B	1	Ouput 6 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11292	0x2C1C	1	Ouput 7 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16
11293	0x2C1D	1	Ouput 8 function 0 : eFctNone 3 : eFctAlmReport 5 : eFctLoadShedding 255 : eFctMutiple	-	U16

Circuit breaker / Trip unit state

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11312	0x2C30	Info	6	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11312	0x2C30	1	Breaker state 0 : Opened 1 : Closed	-	U8
11313	0x2C31	1	Trip state 0 : No trip 1 : Trip	-	U8
11314	0x2C32	2	Trip count	-	U32
11316	0x2C34	2	Last trip date	-	DATETIME

Analog I/O

Analog Input #1

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

11584	0x2D40	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11584	0x2D40	2	Inst. value	-	S32
11586	0x2D42	2	Avg. value	-	S32

Analog Input #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11588	0x2D44	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11588	0x2D44	2	Inst. value	-	S32
11590	0x2D46	2	Avg. value	-	S32

Analog Input #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11592	0x2D48	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11592	0x2D48	2	Inst. value	-	S32
11594	0x2D4A	2	Avg. value	-	S32

Analog Input #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11596	0x2D4C	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11596	0x2D4C	2	Inst. value	-	S32
11598	0x2D4E	2	Avg. value	-	S32

Analog Input #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11600	0x2D50	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11600	0x2D50	2	Inst. value	-	S32
11602	0x2D52	2	Avg. value	-	S32

Analog Input #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11604	0x2D54	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11604	0x2D54	2	Inst. value	-	S32
11606	0x2D56	2	Avg. value	-	S32

Analog Input #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11608	0x2D58	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11608	0x2D58	2	Inst. value	-	S32
11610	0x2D5A	2	Avg. value	-	S32

Analog Input #8

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11612	0x2D5C	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11612	0x2D5C	2	Inst. value	-	S32
11614	0x2D5E	2	Avg. value	-	S32

Temperature

Avg. Temperature #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11680	0x2DA0	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11680	0x2DA0	1	Avg.Temperature	?C / 100	S16

Avg. Temperature #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11681	0x2DA1	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11681	0x2DA1	1	Avg.Temperature	?C / 100	S16

Avg. Temperature #3

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

11682	0x2DA2	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11682	0x2DA2	1	Avg.Temperature	?C / 100	S16

Avg. Temperature #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11683	0x2DA3	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11683	0x2DA3	1	Avg.Temperature	?C / 100	S16

Inst. Temperature #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11696	0x2DB0	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11696	0x2DB0	1	Inst.Temperature	?C / 100	S16

Inst. Temperature #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11697	0x2DB1	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11697	0x2DB1	1	Inst.Temperature	?C / 100	S16

Inst. Temperature #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11698	0x2DB2	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11698	0x2DB2	1	Inst.Temperature	?C / 100	S16

Inst. Temperature #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
11699	0x2DB3	Info	1	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
11699	0x2DB3	1	Inst.Temperature	?C / 100	S16

Monitoring

Alarms

Analog alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39248	0x9950	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39248	0x9950	1	Ack ID	-	U16
39249	0x9951	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39250	0x9952	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	-	U16
39251	0x9953	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39252	0x9954	2	Start date	-	DATETIME
39254	0x9956	2	Duration	-	U32
39256	0x9958	2	Analog variable (ServiceID)	-	U32
39258	0x995A	1	Analog variable (Instance index)	-	U16
39259	0x995B	1	Analog variable (Instance type)	-	U16
39260	0x995C	1	Startup delay	s / 2	U16
39261	0x995D	1	Dropout delay	s / 2	U16
39262	0x995E	1	Hysteresis	% / 10	U16
39263	0x995F	4	Threshold	-	S64
39267	0x9963	4	Min/Max	-	S64

Analog alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39272	0x9968	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39272	0x9968	1	Ack ID	-	U16
39273	0x9969	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
			Alarm cause :		

Dec address	Hex address	Words count	Description	Unit	Data type
39274	0x996A	1	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	-	U16
39275	0x996B	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39276	0x996C	2	Start date	-	DATETIME
39278	0x996E	2	Duration	-	U32
39280	0x9970	2	Analog variable (ServiceID)	-	U32
39282	0x9972	1	Analog variable (Instance index)	-	U16
39283	0x9973	1	Analog variable (Instance type)	-	U16
39284	0x9974	1	Startup delay	s / 2	U16
39285	0x9975	1	Dropout delay	s / 2	U16
39286	0x9976	1	Hysteresis	% / 10	U16
39287	0x9977	4	Threshold	-	S64
39291	0x997B	4	Min/Max	-	S64

Analog alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39296	0x9980	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39296	0x9980	1	Ack ID	-	U16
39297	0x9981	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39298	0x9982	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	-	U16
39299	0x9983	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39300	0x9984	2	Start date	-	DATETIME
39302	0x9986	2	Duration	-	U32
39304	0x9988	2	Analog variable (ServiceID)	-	U32
39306	0x998A	1	Analog variable (Instance index)	-	U16
39307	0x998B	1	Analog variable (Instance type)	-	U16
39308	0x998C	1	Startup delay	s / 2	U16
39309	0x998D	1	Dropout delay	s / 2	U16
39310	0x998E	1	Hysteresis	% / 10	U16
39311	0x998F	4	Threshold	-	S64
39315	0x9993	4	Min/Max	-	S64

Analog alarm current status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39320	0x9998	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39320	0x9998	1	Ack ID	-	U16
39321	0x9999	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39322	0x999A	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	-	U16
39323	0x999B	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39324	0x999C	2	Start date	-	DATETIME
39326	0x999E	2	Duration	-	U32
39328	0x99A0	2	Analog variable (ServiceID)	-	U32
39330	0x99A2	1	Analog variable (Instance index)	-	U16
39331	0x99A3	1	Analog variable (Instance type)	-	U16
39332	0x99A4	1	Startup delay	s / 2	U16
39333	0x99A5	1	Dropout delay	s / 2	U16
39334	0x99A6	1	Hysteresis	% / 10	U16
39335	0x99A7	4	Threshold	-	S64
39339	0x99AB	4	Min/Max	-	S64

Analog alarm current status #5

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39344	0x99B0	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39344	0x99B0	1	Ack ID	-	U16
39345	0x99B1	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39346	0x99B2	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	-	U16
			Criticality :		

Dec address	Hex address	Words count	Description	Unit	Data type
39347	0x99B3	1	0 : Information 1 : Not critical 2 : Critical	-	U16
39348	0x99B4	2	Start date	-	DATETIME
39350	0x99B6	2	Duration	-	U32
39352	0x99B8	2	Analog variable (ServiceID)	-	U32
39354	0x99BA	1	Analog variable (Instance index)	-	U16
39355	0x99BB	1	Analog variable (Instance type)	-	U16
39356	0x99BC	1	Startup delay	s / 2	U16
39357	0x99BD	1	Dropout delay	s / 2	U16
39358	0x99BE	1	Hysteresis	% / 10	U16
39359	0x99BF	4	Threshold	-	S64
39363	0x99C3	4	Min/Max	-	S64

Analog alarm current status #6

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39368	0x99C8	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39368	0x99C8	1	Ack ID	-	U16
39369	0x99C9	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39370	0x99CA	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	-	U16
39371	0x99CB	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39372	0x99CC	2	Start date	-	DATETIME
39374	0x99CE	2	Duration	-	U32
39376	0x99D0	2	Analog variable (ServiceID)	-	U32
39378	0x99D2	1	Analog variable (Instance index)	-	U16
39379	0x99D3	1	Analog variable (Instance type)	-	U16
39380	0x99D4	1	Startup delay	s / 2	U16
39381	0x99D5	1	Dropout delay	s / 2	U16
39382	0x99D6	1	Hysteresis	% / 10	U16
39383	0x99D7	4	Threshold	-	S64
39387	0x99DB	4	Min/Max	-	S64

Analog alarm current status #7

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39392	0x99E0	Info	23	NONE	READ	READ

| Dec | Hex | Words | | | |

Dec address	Hex address	Words count	Description	Unit	Data type
39392	0x99E0	1	Ack ID	-	U16
39393	0x99E1	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39394	0x99E2	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	-	U16
39395	0x99E3	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39396	0x99E4	2	Start date	-	DATETIME
39398	0x99E6	2	Duration	-	U32
39400	0x99E8	2	Analog variable (ServiceID)	-	U32
39402	0x99EA	1	Analog variable (Instance index)	-	U16
39403	0x99EB	1	Analog variable (Instance type)	-	U16
39404	0x99EC	1	Startup delay	s / 2	U16
39405	0x99ED	1	Dropout delay	s / 2	U16
39406	0x99EE	1	Hysteresis	% / 10	U16
39407	0x99EF	4	Threshold	-	S64
39411	0x99F3	4	Min/Max	-	S64

Analog alarm current status #8

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39416	0x99F8	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39416	0x99F8	1	Ack ID	-	U16
39417	0x99F9	1	Status 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39418	0x99FA	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	-	U16
39419	0x99FB	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39420	0x99FC	2	Start date	-	DATETIME
39422	0x99FE	2	Duration	-	U32
39424	0x9A00	2	Analog variable (ServiceID)	-	U32
39426	0x9A02	1	Analog variable (Instance index)	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
39427	0x9A03	1	Analog variable (Instance type)	-	U16
39428	0x9A04	1	Startup delay	s / 2	U16
39429	0x9A05	1	Dropout delay	s / 2	U16
39430	0x9A06	1	Hysteresis	% / 10	U16
39431	0x9A07	4	Threshold	-	S64
39435	0x9A0B	4	Min/Max	-	S64

Logical alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39456	0x9A20	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39456	0x9A20	1	Ack ID	-	U16
39457	0x9A21	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39458	0x9A22	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U16
39459	0x9A23	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39460	0x9A24	2	Start date	-	DATETIME
39462	0x9A26	2	Duration	-	U32
39464	0x9A28	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 6 : Input 7 7 : Input 8 8 : Input 9 9 : Input 10 255 : Not used	-	U16
39465	0x9A29	1	Startup delay	s / 2	U16
39466	0x9A2A	1	Dropout delay	s / 2	U16

Logical alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39472	0x9A30	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39472	0x9A30	1	Ack ID	-	U16
39473	0x9A31	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
			Alarm cause :		

39474	0x9A32	1	0 : Cause Unknown 7 : Logical Active	-	U16
39475	0x9A33	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39476	0x9A34	2	Start date	-	DATETIME
39478	0x9A36	2	Duration	-	U32
39480	0x9A38	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 6 : Input 7 7 : Input 8 8 : Input 9 9 : Input 10 255 : Not used	-	U16
39481	0x9A39	1	Startup delay	s / 2	U16
39482	0x9A3A	1	Dropout delay	s / 2	U16

Logical alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39488	0x9A40	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39488	0x9A40	1	Ack ID	-	U16
39489	0x9A41	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39490	0x9A42	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U16
39491	0x9A43	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39492	0x9A44	2	Start date	-	DATETIME
39494	0x9A46	2	Duration	-	U32
39496	0x9A48	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 6 : Input 7 7 : Input 8 8 : Input 9 9 : Input 10 255 : Not used	-	U16
39497	0x9A49	1	Startup delay	s / 2	U16
39498	0x9A4A	1	Dropout delay	s / 2	U16

Logical alarm current status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39504	0x9A50	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39504	0x9A50	1	Ack ID	-	U16
39505	0x9A51	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39506	0x9A52	1	Alarm cause : 0 : Cause Unknown 7 : Logical Active	-	U16
39507	0x9A53	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39508	0x9A54	2	Start date	-	DATETIME
39510	0x9A56	2	Duration	-	U32
39512	0x9A58	1	Logical input 0 : Input 1 1 : Input 2 2 : Input 3 3 : Input 4 4 : Input 5 5 : Input 6 6 : Input 7 7 : Input 8 8 : Input 9 9 : Input 10 255 : Not used	-	U16
39513	0x9A59	1	Startup delay	s / 2	U16
39514	0x9A5A	1	Dropout delay	s / 2	U16

Combination alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39536	0x9A70	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39536	0x9A70	1	Ack ID	-	U16
39537	0x9A71	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39538	0x9A72	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U16
39539	0x9A73	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39540	0x9A74	2	Start date	-	DATETIME
39542	0x9A76	2	Duration	-	U32
39544	0x9A78	1	Alarm 1	-	U16_HEX

Dec address	Hex address	Words count	Description	Unit	Data type
39545	0x9A79	1	Alarm 2	-	U16_HEX
39546	0x9A7A	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

Combination alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39552	0x9A80	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39552	0x9A80	1	Ack ID	-	U16
39553	0x9A81	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39554	0x9A82	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U16
39555	0x9A83	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39556	0x9A84	2	Start date	-	DATETIME
39558	0x9A86	2	Duration	-	U32
39560	0x9A88	1	Alarm 1	-	U16_HEX
39561	0x9A89	1	Alarm 2	-	U16_HEX
39562	0x9A8A	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

Combination alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39568	0x9A90	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39568	0x9A90	1	Ack ID	-	U16
39569	0x9A91	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39570	0x9A92	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U16
39571	0x9A93	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39572	0x9A94	2	Start date	-	DATETIME

Dec address	Hex address	Words count	Description	Unit	Data type
39574	0x9A96	2	Duration	-	U32
39576	0x9A98	1	Alarm 1	-	U16_HEX
39577	0x9A99	1	Alarm 2	-	U16_HEX
39578	0x9A9A	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

Combination alarm current status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39584	0x9AA0	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39584	0x9AA0	1	Ack ID	-	U16
39585	0x9AA1	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
39586	0x9AA2	1	Alarm cause : 0 : Cause Unknown 8 : Combi. And 9 : Combi. Or	-	U16
39587	0x9AA3	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
39588	0x9AA4	2	Start date	-	DATETIME
39590	0x9AA6	2	Duration	-	U32
39592	0x9AA8	1	Alarm 1	-	U16_HEX
39593	0x9AA9	1	Alarm 2	-	U16_HEX
39594	0x9AAA	1	Alarm src 0 : AND 1 : OR (Alarm 1) 2 : OR (Alarm 2)	-	U16

Inrush alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38688	0x9720	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38688	0x9720	1	Ack ID	-	U16
38689	0x9721	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38690	0x9722	1	Alarm cause : 0 : Cause Unknown 11 : Inrush Active	-	U16
38691	0x9723	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
38692	0x9724	2	Start date	-	DATETIME
38694	0x9726	2	Duration	-	U32
38696	0x9728	1	Load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 255 : Unknown	-	U16
38697	0x9729	1	Startup delay	s / 2	U16
38698	0x972A	1	Dropout delay	s / 2	U16

Inrush alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38704	0x9730	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38704	0x9730	1	Ack ID	-	U16
38705	0x9731	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38706	0x9732	1	Alarm cause : 0 : Cause Unknown 11 : Inrush Active	-	U16
38707	0x9733	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38708	0x9734	2	Start date	-	DATETIME
38710	0x9736	2	Duration	-	U32
38712	0x9738	1	Load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 255 : Unknown	-	U16
38713	0x9739	1	Startup delay	s / 2	U16
38714	0x973A	1	Dropout delay	s / 2	U16

Inrush alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38720	0x9740	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38720	0x9740	1	Ack ID	-	U16
38721	0x9741	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38722	0x9742	1	Alarm cause : 0 : Cause Unknown 11 : Inrush Active	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
38723	0x9743	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38724	0x9744	2	Start date	-	DATETIME
38726	0x9746	2	Duration	-	U32
38728	0x9748	1	Load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 255 : Unknown	-	U16
38729	0x9749	1	Startup delay	s / 2	U16
38730	0x974A	1	Dropout delay	s / 2	U16

Inrush alarm current status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38736	0x9750	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38736	0x9750	1	Ack ID	-	U16
38737	0x9751	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38738	0x9752	1	Alarm cause : 0 : Cause Unknown 11 : Inrush Active	-	U16
38739	0x9753	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38740	0x9754	2	Start date	-	DATETIME
38742	0x9756	2	Duration	-	U32
38744	0x9758	1	Load 0 : Load 1 1 : Load 2 2 : Load 3 3 : Load 4 255 : Unknown	-	U16
38745	0x9759	1	Startup delay	s / 2	U16
38746	0x975A	1	Dropout delay	s / 2	U16

EN50160 alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38752	0x9760	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38752	0x9760	1	Ack ID	-	U16
38753	0x9761	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
38754	0x9762	1	Alarm cause : 0 : Cause Unknown 10 : EN50160 Active	-	U16
38755	0x9763	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38756	0x9764	2	Start date	-	DATETIME
38758	0x9766	2	Duration	-	U32
38760	0x9768	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Inter	-	U16
38761	0x9769	1	Startup delay	s / 2	U16
38762	0x976A	1	Dropout delay	s / 2	U16

EN50160 alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38768	0x9770	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38768	0x9770	1	Ack ID	-	U16
38769	0x9771	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38770	0x9772	1	Alarm cause : 0 : Cause Unknown 10 : EN50160 Active	-	U16
38771	0x9773	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38772	0x9774	2	Start date	-	DATETIME
38774	0x9776	2	Duration	-	U32
38776	0x9778	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Inter	-	U16
38777	0x9779	1	Startup delay	s / 2	U16
38778	0x977A	1	Dropout delay	s / 2	U16

EN50160 alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38784	0x9780	Info	11	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38784	0x9780	1	Ack ID	-	U16
38785	0x9781	1	Status : 0 : Inactive 1 : Active	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
			2 : Finished 3 : FinishedAndAck		
38786	0x9782	1	Alarm cause : 0 : Cause Unknown 10 : EN50160 Active	-	U16
38787	0x9783	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38788	0x9784	2	Start date	-	DATETIME
38790	0x9786	2	Duration	-	U32
38792	0x9788	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Inter	-	U16
38793	0x9789	1	Startup delay	s / 2	U16
38794	0x978A	1	Dropout delay	s / 2	U16

System alarm current status #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38496	0x9660	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38496	0x9660	1	Ack ID	-	U16
38497	0x9661	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38498	0x9662	1	Alarm Type 0 : None 1 : Net rotation 2 : V/I association 3 : CT disconnected 10 : Bad CT prim	-	U16
38499	0x9663	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U16
38500	0x9664	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38501	0x9665	2	Start date	-	DATETIME
38503	0x9667	2	Duration	-	U32
38505	0x9669	1	Startup delay	s / 2	U16
38506	0x966A	1	Dropout delay	s / 2	U16
38507	0x966B	2	Reserved	-	-
38509	0x966D	1	Line I 0 : eMspLineI1 1 : eMspLineI2 2 : eMspLineI3 3 : eMspLineI4 255 : eMspLineIUndefined	-	U16
38510	0x966E	1	Reserved	-	-
38511	0x966F	4	Reserved	-	-
38515	0x9673	4	Reserved	-	-

System alarm current status #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38520	0x9678	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38520	0x9678	1	Ack ID	-	U16
38521	0x9679	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38522	0x967A	1	Alarm Type 0 : None 1 : Net rotation 2 : V/I association 3 : CT disconnected 10 : Bad CT prim	-	U16
38523	0x967B	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U16
38524	0x967C	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38525	0x967D	2	Start date	-	DATETIME
38527	0x967F	2	Duration	-	U32
38529	0x9681	1	Startup delay	s / 2	U16
38530	0x9682	1	Dropout delay	s / 2	U16
38531	0x9683	2	Reserved	-	-
38533	0x9685	1	Line I 0 : eMspLineI1 1 : eMspLineI2 2 : eMspLineI3 3 : eMspLineI4 255 : eMspLineIUndefined	-	U16
38534	0x9686	1	Reserved	-	-
38535	0x9687	4	Reserved	-	-
38539	0x968B	4	Reserved	-	-

System alarm current status #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38544	0x9690	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38544	0x9690	1	Ack ID	-	U16
38545	0x9691	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38546	0x9692	1	Alarm Type 0 : None 1 : Net rotation 2 : V/I association 3 : CT disconnected	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
			10 : Bad CT prim		
38547	0x9693	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U16
38548	0x9694	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38549	0x9695	2	Start date	-	DATETIME
38551	0x9697	2	Duration	-	U32
38553	0x9699	1	Startup delay	s / 2	U16
38554	0x969A	1	Dropout delay	s / 2	U16
38555	0x969B	2	Reserved	-	-
38557	0x969D	1	Line I 0 : eMspLineI1 1 : eMspLineI2 2 : eMspLineI3 3 : eMspLineI4 255 : eMspLineIUndefined	-	U16
38558	0x969E	1	Reserved	-	-
38559	0x969F	4	Reserved	-	-
38563	0x96A3	4	Reserved	-	-

System alarm current status #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
38568	0x96A8	Info	23	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
38568	0x96A8	1	Ack ID	-	U16
38569	0x96A9	1	Status : 0 : Inactive 1 : Active 2 : Finished 3 : FinishedAndAck	-	U16
38570	0x96AA	1	Alarm Type 0 : None 1 : Net rotation 2 : V/I association 3 : CT disconnected 10 : Bad CT prim	-	U16
38571	0x96AB	1	Alarm cause : 0 : Cause Unknown 12 : System Active	-	U16
38572	0x96AC	1	Criticality : 0 : Information 1 : Not critical 2 : Critical	-	U16
38573	0x96AD	2	Start date	-	DATETIME
38575	0x96AF	2	Duration	-	U32
38577	0x96B1	1	Startup delay	s / 2	U16
38578	0x96B2	1	Dropout delay	s / 2	U16
38579	0x96B3	2	Reserved	-	-
38581	0x96B5	1	Line I 0 : eMspLineI1 1 : eMspLineI2 2 : eMspLineI3 3 : eMspLineI4 255 : eMspLineIUndefined	-	U16

38582	0x96B6	1	Reserved	-	-
38583	0x96B7	4	Reserved	-	-
38587	0x96BB	4	Reserved	-	-

Acknowledgment of alarms

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39616	0x9AC0	Commands	1	NONE	WRITE	WRITE

Dec address	Hex address	Words count	Description	Unit	Data type
39616	0x9AC0	1	Ack ID	-	U16

Alarm log

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39632	0x9AD0	Command	1	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
39632	0x9AD0	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
39648	0x9AE0	Header	3	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39648	0x9AE0	1	Next record number	-	U16
39649	0x9AE1	1	Items count (max 7 per request)	-	U16
39650	0x9AE2	1	Item size (words)	-	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
39651	0x9AE3	Data	21	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
39651	0x9AE3	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	-	U16
39652	0x9AE4	1	Criticality : 0 : Information 1 : Not Critical	-	U16

			2 : Critical		
39653	0x9AE5	2	Start date	-	DATETIME
39655	0x9AE7	2	Duration	-	U32
39657	0x9AE9	2	Specific data 1 (depend on alarm type)	-	U32
39659	0x9AEB	1	Specific data 2 (depend on alarm type)	-	U16
39660	0x9AEC	1	Specific data 3 (depend on alarm type)	-	U16
39661	0x9AED	1	Specific data 4 (depend on alarm type)	-	U16
39662	0x9AEE	1	Specific data 5 (depend on alarm type)	-	U16
39663	0x9AEF	1	Specific data 6 (depend on alarm type)	-	U16
39664	0x9AF0	4	Specific data 7 (depend on alarm type)	-	S64
39668	0x9AF4	4	Specific data 8 (depend on alarm type)	-	S64

Trend

Trend log

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
41978	0xA3FA	Command	2	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
41978	0xA3FA	1	Start record number (0 to 65534) or 65535 for last record	-	U16
41979	0xA3FB	1	Item number 0 : Item 1 1 : Item 2 2 : Item 3 3 : Item 4 4 : Item 5 5 : Item 6 6 : Item 7 7 : Item 8 8 : Item 9 9 : Item 10 10 : Item 11 11 : Item 12 12 : Item 13 13 : Item 14 14 : Item 15 15 : Item 16 16 : Item 17 17 : Item 18 18 : Item 19 19 : Item 20	-	U8

Header

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
41980	0xA3FC	Header	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
41980	0xA3FC	1	Next record number	-	U16
41981	0xA3FD	1	Items count (20 per record)	-	U16
41982	0xA3FE	1	Item size	-	U16
41983	0xA3FF	1	Integration period duration	min	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
41984	0xA400	Data	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
41984	0xA400	2	Date	s	DATETIME
41986	0xA402	2	Point value	-	S32

Quality events

EN50160 events in progress #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42240	0xA500	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42240	0xA500	1	Event state 0 : Unactive 1 : Active	-	U16
42241	0xA501	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42242	0xA502	4	Start date	-	DATETIME_MS
42246	0xA506	4	End date	-	DATETIME_MS
42250	0xA50A	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42251	0xA50B	1	Line mask	-	U16_HEX
42252	0xA50C	1	Start mask	-	U16_HEX
42253	0xA50D	1	End mask	-	U16_HEX
42254	0xA50E	1	Trig ratio	%	U16
42255	0xA50F	1	Ret trig ratio	%	U16
42256	0xA510	2	Bit weight VU	V / 1000	U32
42258	0xA512	2	Bit weight I1	A / 100000	U32
42260	0xA514	2	Bit weight I2	A / 100000	U32
42262	0xA516	2	Bit weight I3	A / 100000	U32
42264	0xA518	2	Bit weight In	A / 100000	U32
42266	0xA51A	1	V1ref	-	U16
42267	0xA51B	1	V2ref	-	U16
42268	0xA51C	1	V3ref	-	U16
42269	0xA51D	1	U12ref	-	U16
42270	0xA51E	1	U23ref	-	U16
42271	0xA51F	1	U31ref	-	U16
42272	0xA520	1	I1ref	-	U16
42273	0xA521	1	I2ref	-	U16
42274	0xA522	1	I3ref	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
42275	0xA523	1	Inref	-	U16
42276	0xA524	1	V1 min/max	-	U16
42277	0xA525	1	V2 min/max	-	U16
42278	0xA526	1	V3 min/max	-	U16
42279	0xA527	1	U12 min/max	-	U16
42280	0xA528	1	U23 min/max	-	U16
42281	0xA529	1	U31 min/max	-	U16
42282	0xA52A	1	I1 min/max	-	U16
42283	0xA52B	1	I2 min/max	-	U16
42284	0xA52C	1	I3 min/max	-	U16
42285	0xA52D	1	In min/max	-	U16

EN50160 events in progress #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42286	0xA52E	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42286	0xA52E	1	Event state 0 : Unactive 1 : Active	-	U16
42287	0xA52F	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42288	0xA530	4	Start date	-	DATETIME_MS
42292	0xA534	4	End date	-	DATETIME_MS
42296	0xA538	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42297	0xA539	1	Line mask	-	U16_HEX
42298	0xA53A	1	Start mask	-	U16_HEX
42299	0xA53B	1	End mask	-	U16_HEX
42300	0xA53C	1	Trig ratio	%	U16
42301	0xA53D	1	Ret trig ratio	%	U16
42302	0xA53E	2	Bit weight VU	V / 1000	U32
42304	0xA540	2	Bit weight I1	A / 100000	U32
42306	0xA542	2	Bit weight I2	A / 100000	U32
42308	0xA544	2	Bit weight I3	A / 100000	U32
42310	0xA546	2	Bit weight In	A / 100000	U32
42312	0xA548	1	V1ref	-	U16
42313	0xA549	1	V2ref	-	U16
42314	0xA54A	1	V3ref	-	U16
42315	0xA54B	1	U12ref	-	U16
42316	0xA54C	1	U23ref	-	U16
42317	0xA54D	1	U31ref	-	U16
42318	0xA54E	1	I1ref	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
42319	0xA54F	1	I2ref	-	U16
42320	0xA550	1	I3ref	-	U16
42321	0xA551	1	Inref	-	U16
42322	0xA552	1	V1 min/max	-	U16
42323	0xA553	1	V2 min/max	-	U16
42324	0xA554	1	V3 min/max	-	U16
42325	0xA555	1	U12 min/max	-	U16
42326	0xA556	1	U23 min/max	-	U16
42327	0xA557	1	U31 min/max	-	U16
42328	0xA558	1	I1 min/max	-	U16
42329	0xA559	1	I2 min/max	-	U16
42330	0xA55A	1	I3 min/max	-	U16
42331	0xA55B	1	In min/max	-	U16

EN50160 events in progress #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42332	0xA55C	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42332	0xA55C	1	Event state 0 : Unactive 1 : Active	-	U16
42333	0xA55D	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42334	0xA55E	4	Start date	-	DATETIME_MS
42338	0xA562	4	End date	-	DATETIME_MS
42342	0xA566	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42343	0xA567	1	Line mask	-	U16_HEX
42344	0xA568	1	Start mask	-	U16_HEX
42345	0xA569	1	End mask	-	U16_HEX
42346	0xA56A	1	Trig ratio	%	U16
42347	0xA56B	1	Ret trig ratio	%	U16
42348	0xA56C	2	Bit weight VU	V / 1000	U32
42350	0xA56E	2	Bit weight I1	A / 100000	U32
42352	0xA570	2	Bit weight I2	A / 100000	U32
42354	0xA572	2	Bit weight I3	A / 100000	U32
42356	0xA574	2	Bit weight In	A / 100000	U32
42358	0xA576	1	V1ref	-	U16
42359	0xA577	1	V2ref	-	U16
42360	0xA578	1	V3ref	-	U16
42361	0xA579	1	U12ref	-	U16
42362	0xA57A	1	U23ref	-	U16
42363	0xA57B	1	U31ref	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
42364	0xA57C	1	I1ref	-	U16
42365	0xA57D	1	I2ref	-	U16
42366	0xA57E	1	I3ref	-	U16
42367	0xA57F	1	Inref	-	U16
42368	0xA580	1	V1 min/max	-	U16
42369	0xA581	1	V2 min/max	-	U16
42370	0xA582	1	V3 min/max	-	U16
42371	0xA583	1	U12 min/max	-	U16
42372	0xA584	1	U23 min/max	-	U16
42373	0xA585	1	U31 min/max	-	U16
42374	0xA586	1	I1 min/max	-	U16
42375	0xA587	1	I2 min/max	-	U16
42376	0xA588	1	I3 min/max	-	U16
42377	0xA589	1	In min/max	-	U16

Inrush events in progress #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42384	0xA590	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42384	0xA590	1	Event state 0 : Unactive 1 : Active	-	U16
42385	0xA591	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42386	0xA592	4	Start date	-	DATETIME_MS
42390	0xA596	4	End date	-	DATETIME_MS
42394	0xA59A	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42395	0xA59B	1	Line mask	-	U16_HEX
42396	0xA59C	1	Start mask	-	U16_HEX
42397	0xA59D	1	End mask	-	U16_HEX
42398	0xA59E	1	Trig ratio	%	U16
42399	0xA59F	1	Ret trig ratio	%	U16
42400	0xA5A0	2	Bit weight VU	V / 1000	U32
42402	0xA5A2	2	Bit weight I1	A / 100000	U32
42404	0xA5A4	2	Bit weight I2	A / 100000	U32
42406	0xA5A6	2	Bit weight I3	A / 100000	U32
42408	0xA5A8	2	Bit weight In	A / 100000	U32
42410	0xA5AA	1	V1ref	-	U16
42411	0xA5AB	1	V2ref	-	U16
42412	0xA5AC	1	V3ref	-	U16
42413	0xA5AD	1	U12ref	-	U16
42414	0xA5AE	1	U23ref	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
42415	0xA5AF	1	U31ref	-	U16
42416	0xA5B0	1	I1ref	-	U16
42417	0xA5B1	1	I2ref	-	U16
42418	0xA5B2	1	I3ref	-	U16
42419	0xA5B3	1	Inref	-	U16
42420	0xA5B4	1	V1 min/max	-	U16
42421	0xA5B5	1	V2 min/max	-	U16
42422	0xA5B6	1	V3 min/max	-	U16
42423	0xA5B7	1	U12 min/max	-	U16
42424	0xA5B8	1	U23 min/max	-	U16
42425	0xA5B9	1	U31 min/max	-	U16
42426	0xA5BA	1	I1 min/max	-	U16
42427	0xA5BB	1	I2 min/max	-	U16
42428	0xA5BC	1	I3 min/max	-	U16
42429	0xA5BD	1	In min/max	-	U16

Inrush events in progress #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42430	0xA5BE	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42430	0xA5BE	1	Event state 0 : Unactive 1 : Active	-	U16
42431	0xA5BF	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42432	0xA5C0	4	Start date	-	DATETIME_MS
42436	0xA5C4	4	End date	-	DATETIME_MS
42440	0xA5C8	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42441	0xA5C9	1	Line mask	-	U16_HEX
42442	0xA5CA	1	Start mask	-	U16_HEX
42443	0xA5CB	1	End mask	-	U16_HEX
42444	0xA5CC	1	Trig ratio	%	U16
42445	0xA5CD	1	Ret trig ratio	%	U16
42446	0xA5CE	2	Bit weight VU	V / 1000	U32
42448	0xA5D0	2	Bit weight I1	A / 100000	U32
42450	0xA5D2	2	Bit weight I2	A / 100000	U32
42452	0xA5D4	2	Bit weight I3	A / 100000	U32
42454	0xA5D6	2	Bit weight In	A / 100000	U32
42456	0xA5D8	1	V1ref	-	U16
42457	0xA5D9	1	V2ref	-	U16
42458	0xA5DA	1	V3ref	-	U16

42459	0xA5DB	1	U12ref	-	U16
42460	0xA5DC	1	U23ref	-	U16
42461	0xA5DD	1	U31ref	-	U16
42462	0xA5DE	1	I1ref	-	U16
42463	0xA5DF	1	I2ref	-	U16
42464	0xA5E0	1	I3ref	-	U16
42465	0xA5E1	1	Inref	-	U16
42466	0xA5E2	1	V1 min/max	-	U16
42467	0xA5E3	1	V2 min/max	-	U16
42468	0xA5E4	1	V3 min/max	-	U16
42469	0xA5E5	1	U12 min/max	-	U16
42470	0xA5E6	1	U23 min/max	-	U16
42471	0xA5E7	1	U31 min/max	-	U16
42472	0xA5E8	1	I1 min/max	-	U16
42473	0xA5E9	1	I2 min/max	-	U16
42474	0xA5EA	1	I3 min/max	-	U16
42475	0xA5EB	1	In min/max	-	U16

Inrush events in progress #3

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42476	0xA5EC	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42476	0xA5EC	1	Event state 0 : Unactive 1 : Active	-	U16
42477	0xA5ED	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42478	0xA5EE	4	Start date	-	DATETIME_MS
42482	0xA5F2	4	End date	-	DATETIME_MS
42486	0xA5F6	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42487	0xA5F7	1	Line mask	-	U16_HEX
42488	0xA5F8	1	Start mask	-	U16_HEX
42489	0xA5F9	1	End mask	-	U16_HEX
42490	0xA5FA	1	Trig ratio	%	U16
42491	0xA5FB	1	Ret trig ratio	%	U16
42492	0xA5FC	2	Bit weight VU	V / 1000	U32
42494	0xA5FE	2	Bit weight I1	A / 100000	U32
42496	0xA600	2	Bit weight I2	A / 100000	U32
42498	0xA602	2	Bit weight I3	A / 100000	U32
42500	0xA604	2	Bit weight In	A / 100000	U32
42502	0xA606	1	V1ref	-	U16
42503	0xA607	1	V2ref	-	U16

Dec address	Hex address		Description		Data type
42504	0xA608	1	V3ref	-	U16
42505	0xA609	1	U12ref	-	U16
42506	0xA60A	1	U23ref	-	U16
42507	0xA60B	1	U31ref	-	U16
42508	0xA60C	1	I1ref	-	U16
42509	0xA60D	1	I2ref	-	U16
42510	0xA60E	1	I3ref	-	U16
42511	0xA60F	1	Inref	-	U16
42512	0xA610	1	V1 min/max	-	U16
42513	0xA611	1	V2 min/max	-	U16
42514	0xA612	1	V3 min/max	-	U16
42515	0xA613	1	U12 min/max	-	U16
42516	0xA614	1	U23 min/max	-	U16
42517	0xA615	1	U31 min/max	-	U16
42518	0xA616	1	I1 min/max	-	U16
42519	0xA617	1	I2 min/max	-	U16
42520	0xA618	1	I3 min/max	-	U16
42521	0xA619	1	In min/max	-	U16

Inrush events in progress #4

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42522	0xA61A	Info	46	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42522	0xA61A	1	Event state 0 : Unactive 1 : Active	-	U16
42523	0xA61B	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42524	0xA61C	4	Start date	-	DATETIME_MS
42528	0xA620	4	End date	-	DATETIME_MS
42532	0xA624	1	Net/Load 0 : Net 1 : Load1 2 : Load2 3 : Load3 4 : Load4 6 : Undefined	-	U8
42533	0xA625	1	Line mask	-	U16_HEX
42534	0xA626	1	Start mask	-	U16_HEX
42535	0xA627	1	End mask	-	U16_HEX
42536	0xA628	1	Trig ratio	%	U16
42537	0xA629	1	Ret trig ratio	%	U16
42538	0xA62A	2	Bit weight VU	V / 1000	U32
42540	0xA62C	2	Bit weight I1	A / 100000	U32
42542	0xA62E	2	Bit weight I2	A / 100000	U32
42544	0xA630	2	Bit weight I3	A / 100000	U32
42546	0xA632	2	Bit weight In	A / 100000	U32
42548	0xA634	1	V1ref	-	U16

Dec address	Hex address	Words count	Description	Unit	Data type
42549	0xA635	1	V2ref	-	U16
42550	0xA636	1	V3ref	-	U16
42551	0xA637	1	U12ref	-	U16
42552	0xA638	1	U23ref	-	U16
42553	0xA639	1	U31ref	-	U16
42554	0xA63A	1	I1ref	-	U16
42555	0xA63B	1	I2ref	-	U16
42556	0xA63C	1	I3ref	-	U16
42557	0xA63D	1	Inref	-	U16
42558	0xA63E	1	V1 min/max	-	U16
42559	0xA63F	1	V2 min/max	-	U16
42560	0xA640	1	V3 min/max	-	U16
42561	0xA641	1	U12 min/max	-	U16
42562	0xA642	1	U23 min/max	-	U16
42563	0xA643	1	U31 min/max	-	U16
42564	0xA644	1	I1 min/max	-	U16
42565	0xA645	1	I2 min/max	-	U16
42566	0xA646	1	I3 min/max	-	U16
42567	0xA647	1	In min/max	-	U16

Quality events log

Command

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42752	0xA700	Command	2	NONE	WRITE_MANY	WRITE_MANY

Dec address	Hex address	Words count	Description	Unit	Data type
42752	0xA700	1	Start record number (0 to 65534) or 65535 for last record	-	U16
42753	0xA701	1	Event type 0 : All 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16

Header

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42768	0xA710	Header	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42768	0xA710	1	Next record number	-	U16
42769	0xA711	1	Items count (max 3 per request)	-	U16
42770	0xA712	1	Item size (words)	-	U16
42771	0xA713	1	Event type 0 : All 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16

Data

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
42772	0xA714	Data	45	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
42772	0xA714	1	Event type 0 : Unknown 1 : Swell 2 : Dip 3 : Interruption 4 : Inrush current 5 : Trip	-	U16
42773	0xA715	4	Start date	-	DATETIME_MS
42777	0xA719	4	End date	-	DATETIME_MS
42781	0xA71D	1	Net/Load 0 : Net 1 : Load 1 2 : Load 2 3 : Load 3 4 : Load 4 6 : Undefined	-	U8
42782	0xA71E	1	Line mask	-	U16_HEX
42783	0xA71F	1	Start mask	-	U16_HEX
42784	0xA720	1	End mask	-	U16_HEX
42785	0xA721	1	Trig ratio	%	U16
42786	0xA722	1	Ret trig ratio	%	U16
42787	0xA723	2	Bit weight VU	V / 1000	U32
42789	0xA725	2	Bit weight I1	A / 100000	U32
42791	0xA727	2	Bit weight I2	A / 100000	U32
42793	0xA729	2	Bit weight I3	A / 100000	U32
42795	0xA72B	2	Bit weight In	A / 100000	U32
42797	0xA72D	1	V1ref	-	U16
42798	0xA72E	1	V2ref	-	U16
42799	0xA72F	1	V3ref	-	U16
42800	0xA730	1	U12ref	-	U16
42801	0xA731	1	U23ref	-	U16
42802	0xA732	1	U31ref	-	U16
42803	0xA733	1	I1ref	-	U16
42804	0xA734	1	I2ref	-	U16
42805	0xA735	1	I3ref	-	U16
42806	0xA736	1	Inref	-	U16
42807	0xA737	1	V1 min/max	-	U16
42808	0xA738	1	V2 min/max	-	U16
42809	0xA739	1	V3 min/max	-	U16
42810	0xA73A	1	U12 min/max	-	U16
42811	0xA73B	1	U23 min/max	-	U16
42812	0xA73C	1	U31 min/max	-	U16
42813	0xA73D	1	I1 min/max	-	U16
42814	0xA73E	1	I2 min/max	-	U16
42815	0xA73F	1	I3 min/max	-	U16
42816	0xA740	1	In min/max	-	U16

LoadShedding

LoadShedding commands state

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
43008	0xA800	Info	4	NONE	READ	READ

Dec address	Hex address	Words count	Description	Unit	Data type
43008	0xA800	1	LoadShedding command 1 0 : Inactive 1 : Active	-	U8
43009	0xA801	1	LoadShedding command 2 0 : Inactive 1 : Active	-	U8
43010	0xA802	1	LoadShedding command 3 0 : Inactive 1 : Active	-	U8
43011	0xA803	1	LoadShedding command 4 0 : Inactive 1 : Active	-	U8