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

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

Application

Measurement

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
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
			Total Power factor type : 0 : undefined		

20535	0x5037	1	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
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

Avg. measurement - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18560	0x4880	Info	92	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 2 : lagging	-	U8

Avg. measurement - Load #2

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
20608	0x5080	Info	92	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
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	92	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
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

Inst. fundamental measurement - Load #1

Dec start address	Hex start address	Type	Size	Lock level	Locked fcts	Unlocked fcts
18688	0x4900	Info	80	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	80	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: phI1h1	? / 10	S16
20770	0x5122	1	Current phase: phI2h1	? / 10	S16
20771	0x5123	1	Current phase: phI3h1	? / 10	S16
20772	0x5124	1	Current phase: phInh1	? / 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	80	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	Curent total harmonic distortion : THD I1	% / 100	U16
22854	0x5946	1	Curent total harmonic distortion : THD I2	% / 100	U16
22855	0x5947	1	Curent total harmonic distortion : THD I3	% / 100	U16
22856	0x5948	1	Curent 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. 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	Hex	Words			

address	address	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
18918	0x49E6	1	Maximum Power factor type : sPF1 0 : undefined 1 : leading	-	U8

			2 : lagging		
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
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 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	-	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
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
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

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	-	U8

			1 : Enabled		
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
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 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
			Minimum Power factor type : sPF2		

19562	0x4C6A	1	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
21614	0x546E	1	Minimum Power factor type : sPF3 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
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

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
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
23680	0x5C80	1	Load status : 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
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. 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
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
21760	0x5500	1	Load status : 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

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
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
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
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 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
			Load curve previous : Flag (n-4)		

22071	0x5637	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
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
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
			Load curve previous : Flag (n-3) 0 : full integration period and date/time set		

24106	0x5E2A	1	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

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
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 (partial) - Load #1

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