

Address Table for Modbus TCP Communications via Port 502

Applies to firmware version 1.60 or higher (last update 26 July 2012)

Modbus Address	Data type	Length	Description
General			
100	WORD	2	Type No.
101	WORD	2	Version
401	STRING	19	IdentString
200	STRING	25	Device name
700	LWORD	4	UTC time in seconds since 1980
Tariff switching			
51408	WORD	2	Present tariff
BASIC_SETTINGS			
2180	STRING	16	Short name for display message
51212	WORD	2	Harmonics measurement mode
EMVIS energy meter (not resettable)			
21100	DOUBLE	8	EMVIS meter, active energy imported
21104	DOUBLE	8	EMVIS meter, active energy exported
21108	DOUBLE	8	EMVIS meter, ind. reactive energy, fundamental
21112	DOUBLE	8	EMVIS meter, cap. reactive energy, fundamental
21116	DOUBLE	8	EMVIS meter, reactive energy, RMS
21120	DOUBLE	8	EMVIS meter, apparent energy
21124	DOUBLE	8	EMVIS meter, S0 pulse input 1
21128	DOUBLE	8	EMVIS meter, S0 pulse input 2
21132	DOUBLE	8	EMVIS meter, S0 pulse input 3
EMVIS energy meter, single-phase (not resettable), V1.51 or higher			
21144	DOUBLE	8	EMVIS meter, active energy imported L1
21148	DOUBLE	8	EMVIS meter, active energy exported L1
21152	DOUBLE	8	EMVIS meter, ind. reactive energy, fundamental L1
21156	DOUBLE	8	EMVIS meter, cap. reactive energy, fundamental L1
21160	DOUBLE	8	EMVIS meter, reactive energy, RMS L1
21164	DOUBLE	8	EMVIS meter, apparent energy L1
21168	DOUBLE	8	EMVIS meter, active energy imported L2
21172	DOUBLE	8	EMVIS meter, active energy exported L2
21176	DOUBLE	8	EMVIS meter, ind. reactive energy, fundamental L2
21180	DOUBLE	8	EMVIS meter, cap. reactive energy, fundamental L2
21184	DOUBLE	8	EMVIS meter, reactive energy, RMS L2
21188	DOUBLE	8	EMVIS meter, apparent energy L2
21192	DOUBLE	8	EMVIS meter, active energy imported L3
21196	DOUBLE	8	EMVIS meter, active energy exported L3
21200	DOUBLE	8	EMVIS meter, ind. reactive energy, fundamental L3
21204	DOUBLE	8	EMVIS meter, cap. reactive energy, fundamental L3
21208	DOUBLE	8	EMVIS meter, reactive energy, RMS L3
21212	DOUBLE	8	EMVIS meter, apparent energy L3
Energy meter A (resettable)			
21400	DOUBLE	8	Meter A, active energy imported
21404	DOUBLE	8	Meter A, active energy exported
21408	DOUBLE	8	Meter A, ind. reactive energy, fundamental
21412	DOUBLE	8	Meter A, cap. reactive energy, fundamental
21416	DOUBLE	8	Meter A, reactive energy, RMS
21420	DOUBLE	8	Meter A, apparent energy
21424	DOUBLE	8	Meter A, S0 pulse input 1
21428	DOUBLE	8	Meter A, S0 pulse input 2
21432	DOUBLE	8	Meter A, S0 pulse input 3
21436	LWORD	4	Time stamp, reset of energy meters A
21438	LWORD	4	Time stamp, reset of energy meter A, S0 pulse input 1
21440	LWORD	4	Time stamp, reset of energy meter A, S0 pulse input 2
21442	LWORD	4	Time stamp, reset of energy meter A, S0 pulse input 3
Energy meter A, single-phase (resettable), V1.51 or higher			
21444	DOUBLE	8	Meter A, active energy imported L1
21448	DOUBLE	8	Meter A, active energy exported L1

21452	DOUBLE	8	Meter A, ind. reactive energy, fundamental L1
21456	DOUBLE	8	Meter A, cap. reactive energy, fundamental L1
21460	DOUBLE	8	Meter A, reactive energy, RMS L1
21464	DOUBLE	8	Meter A, apparent energy L1
21468	DOUBLE	8	Meter A, active energy imported L2
21472	DOUBLE	8	Meter A, active energy exported L2
21476	DOUBLE	8	Meter A, ind. reactive energy, fundamental L2
21480	DOUBLE	8	Meter A, cap. reactive energy, fundamental L2
21484	DOUBLE	8	Meter A, reactive energy, RMS L2
21488	DOUBLE	8	Meter A, apparent energy L2
21492	DOUBLE	8	Meter A, active energy imported L3
21496	DOUBLE	8	Meter A, active energy exported L3
21500	DOUBLE	8	Meter A, ind. reactive energy, fundamental L3
21504	DOUBLE	8	Meter A, cap. reactive energy, fundamental L3
21508	DOUBLE	8	Meter A, reactive energy, RMS L3
21512	DOUBLE	8	Meter A, apparent energy L3
Energy meter B (resettable)			
21700	DOUBLE	8	Meter B, active energy imported
21704	DOUBLE	8	Meter B, active energy exported
21708	DOUBLE	8	Meter B, ind. reactive energy, fundamental
21712	DOUBLE	8	Meter B, cap. reactive energy, fundamental
21716	DOUBLE	8	Meter B, reactive energy, RMS
21720	DOUBLE	8	Meter B, apparent energy
21724	DOUBLE	8	Meter B, S0 pulse input 1
21728	DOUBLE	8	Meter B, S0 pulse input 2
21732	DOUBLE	8	Meter B, S0 pulse input 3
21736	LWORD	4	Time stamp, reset of energy meters B
21738	LWORD	4	Time stamp, reset of energy meter B, S0 pulse input 1
21740	LWORD	4	Time stamp, reset of energy meter B, S0 pulse input 2
21742	LWORD	4	Time stamp, reset of energy meter B, S0 pulse input 3
Energy meter B single-phase (resettable), V1.51 or higher			
21744	DOUBLE	8	Meter B, active energy imported L1
21748	DOUBLE	8	Meter B, active energy exported L1
21752	DOUBLE	8	Meter B, ind. reactive energy, fundamental L1
21756	DOUBLE	8	Meter B, cap. reactive energy, fundamental L1
21760	DOUBLE	8	Meter B, reactive energy, RMS L1
21764	DOUBLE	8	Meter B, apparent energy L1
21768	DOUBLE	8	Meter B, active energy imported L2
21772	DOUBLE	8	Meter B, active energy exported L2
21776	DOUBLE	8	Meter B, ind. reactive energy, fundamental L2
21780	DOUBLE	8	Meter B, cap. reactive energy, fundamental L2
21784	DOUBLE	8	Meter B, reactive energy, RMS L2
21788	DOUBLE	8	Meter B, apparent energy L2
21792	DOUBLE	8	Meter B, active energy imported L3
21796	DOUBLE	8	Meter B, active energy exported L3
21800	DOUBLE	8	Meter B, ind. reactive energy, fundamental L3
21804	DOUBLE	8	Meter B, cap. reactive energy, fundamental L3
21808	DOUBLE	8	Meter B, reactive energy, RMS L3
21812	DOUBLE	8	Meter B, apparent energy L3
Operating time in seconds (resettable)			
22000	LWORD	4	Time stamp, reset operating time counter, measured voltage
22002	LWORD	4	Operating time, measured voltage, Tariff 1
22004	LWORD	4	Operating time, measured voltage, Tariff 2
22008	LWORD	4	Time stamp, reset operating time counter, power supply
22010	LWORD	4	Operating time, power supply, Tariff 1
22012	LWORD	4	Operating time, power supply, Tariff 2
22016	LWORD	4	Time stamp, reset operating time counter, S0 pulse input 1
22018	LWORD	4	Operating time S0 pulse input 1 Tariff 1
22020	LWORD	4	Operating time S0 pulse input 1 Tariff 2
22024	LWORD	4	Time stamp, reset operating time counter, S0 pulse input 2
22026	LWORD	4	Operating time S0 pulse input 2, Tariff 1
22028	LWORD	4	Operating time S0 pulse input 2, Tariff 2
22032	LWORD	4	Time stamp, reset operating time counter, S0 pulse input 3
22034	LWORD	4	Operating time S0 pulse input 3 Tariff 1
22036	LWORD	4	Operating time S0 pulse input 3 Tariff 2

RMS current			
27100	SINGLE	4	RMS current L1
27102	SINGLE	4	RMS current L2
27104	SINGLE	4	RMS current L3
27106	SINGLE	4	RMS current N
27108	SINGLE	4	RMS current L1, min.
27110	SINGLE	4	RMS current L2, min.
27112	SINGLE	4	RMS current L3, min.
27114	SINGLE	4	RMS current N, min.
27116	SINGLE	4	RMS current L1, average
27118	SINGLE	4	RMS current L2, average
27120	SINGLE	4	RMS current L3, average
27122	SINGLE	4	RMS current N, average
27124	SINGLE	4	RMS current L1, max.
27126	SINGLE	4	RMS current L2, max.
27128	SINGLE	4	RMS current L3, max.
27130	SINGLE	4	RMS current N, max.
27132	SINGLE	4	RMS current L1/2/3 min. value of the 3 phases
27134	SINGLE	4	RMS current L1/2/3 max. value of the 3 phases
Current, fundamental			
27200	SINGLE	4	Current, fundamental L1
27202	SINGLE	4	Current, fundamental L2
27204	SINGLE	4	Current, fundamental L3
27206	SINGLE	4	Current, fundamental N
RMS voltage			
27300	SINGLE	4	RMS voltage L1-N
27302	SINGLE	4	RMS voltage L2-N
27304	SINGLE	4	RMS voltage L3-N
27306	SINGLE	4	RMS voltage L1-L2
27308	SINGLE	4	RMS voltage L2-L3
27310	SINGLE	4	RMS voltage L3-L1
27314	SINGLE	4	RMS voltage L1-N, min.
27316	SINGLE	4	RMS voltage L2-N, min.
27318	SINGLE	4	RMS voltage L3-N, min.
27320	SINGLE	4	RMS voltage L1-L2, min.
27322	SINGLE	4	RMS voltage L2-L3, min.
27324	SINGLE	4	RMS voltage L3-L1, min.
27328	SINGLE	4	RMS voltage L1-N, average
27330	SINGLE	4	RMS voltage L2-N, average
27332	SINGLE	4	RMS voltage L3-N, average
27334	SINGLE	4	RMS voltage L1-L2, average
27336	SINGLE	4	RMS voltage L2-L3, average
27338	SINGLE	4	RMS voltage L3-L1, average
27342	SINGLE	4	RMS voltage L1-N, max.
27344	SINGLE	4	RMS voltage L2-N, max.
27346	SINGLE	4	RMS voltage L3-N, max.
27348	SINGLE	4	RMS voltage L1-L2, max.
27350	SINGLE	4	RMS voltage L2-L3, max.
27352	SINGLE	4	RMS voltage L3-L1, max.
27356	SINGLE	4	Voltage L1-N, L2-N, L3-N, min.
27358	SINGLE	4	Voltage L1-N, L2-N, L3-N, max.
27360	SINGLE	4	Voltage L1-L2, L2-L3, L3-L1, min.
27362	SINGLE	4	Voltage L1-L2, L2-L3, L3-L1, max.
Voltage, fundamental			
27500	SINGLE	4	Voltage, fundamental L1-N
27502	SINGLE	4	Voltage, fundamental L2-N
27504	SINGLE	4	Voltage, fundamental L3-N
27506	SINGLE	4	Voltage, fundamental L1-L2
27508	SINGLE	4	Voltage, fundamental L2-L3
27510	SINGLE	4	Voltage, fundamental L3-L1
RMS power, power factor			
27600	SINGLE	4	Active power, phase 1, RMS
27602	SINGLE	4	Active power, phase 2, RMS
27604	SINGLE	4	Active power, phase 3, RMS
27606	SINGLE	4	Active power, total, RMS

27608	SINGLE	4	Apparent power, phase 1, RMS
27610	SINGLE	4	Apparent power, phase 2, RMS
27612	SINGLE	4	Apparent power, phase 3, RMS
27614	SINGLE	4	Apparent power, total, RMS
27616	SINGLE	4	Reactive power, phase 1, RMS
27618	SINGLE	4	Reactive power, phase 2, RMS
27620	SINGLE	4	Reactive power, phase 3, RMS
27622	SINGLE	4	Reactive power, total, RMS
27624	SINGLE	4	Collective reactive power as per DIN 40110-2
27626	SINGLE	4	Distortion reactive power, phase 1
27628	SINGLE	4	Distortion reactive power, phase 2
27630	SINGLE	4	Distortion reactive power, phase 3
27632	SINGLE	4	Distortion reactive power, total
27634	SINGLE	4	Power factor, phase 1
27636	SINGLE	4	Power factor, phase 2
27638	SINGLE	4	Power factor, phase 3
27640	SINGLE	4	Power factor, total
27642	SINGLE	4	Frequency
27650	SINGLE	4	Active power, phase 1, RMS, min.
27652	SINGLE	4	Active power, phase 2, RMS, min.
27654	SINGLE	4	Active power, phase 3, RMS, min.
27656	SINGLE	4	Active power, total, RMS, min.
27658	SINGLE	4	Apparent power, phase 1, RMS, min.
27660	SINGLE	4	Apparent power, phase 2, RMS, min.
27662	SINGLE	4	Apparent power, phase 3, RMS, min.
27664	SINGLE	4	Apparent power, total, RMS, min.
27666	SINGLE	4	Reactive power, phase 1, RMS, min.
27668	SINGLE	4	Reactive power, phase 2, RMS, min.
27670	SINGLE	4	Reactive power, phase 3, RMS, min.
27672	SINGLE	4	Reactive power, total, RMS, min.
27674	SINGLE	4	Collective reactive power as per DIN 40110-2, min.
27676	SINGLE	4	Distortion reactive power, phase 1, min.
27678	SINGLE	4	Distortion reactive power, phase 2, min.
27680	SINGLE	4	Distortion reactive power, phase 3, min.
27682	SINGLE	4	Distortion reactive power, total, min.
27684	SINGLE	4	Power factor, phase 1, min.
27686	SINGLE	4	Power factor, phase 2, min.
27688	SINGLE	4	Power factor, phase 3, min.
27690	SINGLE	4	Power factor, total, min.
27692	SINGLE	4	Frequency, min.
27700	SINGLE	4	Active power, phase 1, RMS, average
27702	SINGLE	4	Active power, phase 2, RMS, average
27704	SINGLE	4	Active power, phase 3, RMS, average
27706	SINGLE	4	Active power, total, RMS, average
27708	SINGLE	4	Apparent power, phase 1, RMS, average
27710	SINGLE	4	Apparent power, phase 2, RMS, average
27712	SINGLE	4	Apparent power, phase 3, RMS, average
27714	SINGLE	4	Apparent power, total, RMS, average
27716	SINGLE	4	Reactive power, phase 1, RMS, average
27718	SINGLE	4	Reactive power, phase 2, RMS, average
27720	SINGLE	4	Reactive power, phase 3, RMS, average
27722	SINGLE	4	Reactive power, total, RMS, average
27724	SINGLE	4	Collective reactive power as per DIN 40110-2, average
27726	SINGLE	4	Distortion reactive power, phase 1, average
27728	SINGLE	4	Distortion reactive power, phase 2, average
27730	SINGLE	4	Distortion reactive power, phase 3, average
27732	SINGLE	4	Distortion reactive power, total, average
27734	SINGLE	4	Power factor, phase 1, average
27736	SINGLE	4	Power factor, phase 2, average
27738	SINGLE	4	Power factor, phase 3, average
27740	SINGLE	4	Power factor, total, average
27742	SINGLE	4	Frequency, average
27750	SINGLE	4	Active power, phase 1, RMS, max.
27752	SINGLE	4	Active power, phase 2, RMS, max.
27754	SINGLE	4	Active power, phase 3, RMS, max.
27756	SINGLE	4	Active power, total, RMS, max.
27758	SINGLE	4	Apparent power, phase 1, RMS, max.
27760	SINGLE	4	Apparent power, phase 2, RMS, max.
27762	SINGLE	4	Apparent power, phase 3, RMS, max.

27764	SINGLE	4	Apparent power, total, RMS, max.
27766	SINGLE	4	Reactive power, phase 1, RMS, max.
27768	SINGLE	4	Reactive power, phase 2, RMS, max.
27770	SINGLE	4	Reactive power, phase 3, RMS, max.
27772	SINGLE	4	Reactive power, total, RMS, max.
27774	SINGLE	4	Collective reactive power as per DIN 40110-2, max.
27776	SINGLE	4	Distortion reactive power, phase 1, max.
27778	SINGLE	4	Distortion reactive power, phase 2, max.
27780	SINGLE	4	Distortion reactive power, phase 3, max.
27782	SINGLE	4	Distortion reactive power, total, max.
27784	SINGLE	4	Power factor, phase 1, max.
27786	SINGLE	4	Power factor, phase 2, max.
27788	SINGLE	4	Power factor, phase 3, max.
27790	SINGLE	4	Power factor, total, max.
27792	SINGLE	4	Frequency, max.
Power, cos (phi) 50 Hz			
28000	SINGLE	4	Active power, phase 1 (50 Hz)
28002	SINGLE	4	Active power, phase 2 (50 Hz)
28004	SINGLE	4	Active power, phase 3 (50 Hz)
28006	SINGLE	4	Apparent power, phase 1 (50 Hz)
28008	SINGLE	4	Apparent power, phase 2 (50 Hz)
28010	SINGLE	4	Apparent power, phase 3 (50 Hz)
28012	SINGLE	4	Reactive power, phase 1 (50 Hz)
28014	SINGLE	4	Reactive power, phase 2 (50 Hz)
28016	SINGLE	4	Reactive power, phase 3 (50 Hz)
28020	SINGLE	4	cos (phi), phase 1 (50 Hz)
28022	SINGLE	4	cos (phi), phase 2 (50 Hz)
28024	SINGLE	4	cos (phi), phase 3 (50 Hz)
28026	SINGLE	4	cos (phi), total (50 Hz)
28030	SINGLE	4	cos (phi), phase 1 (50 Hz), min.
28032	SINGLE	4	cos (phi), phase 2 (50 Hz), min.
28034	SINGLE	4	cos (phi), phase 3 (50 Hz), min.
28036	SINGLE	4	cos (phi), total (50 Hz), min.
28040	SINGLE	4	cos (phi), phase 1 (50 Hz), average
28042	SINGLE	4	cos (phi), phase 2 (50 Hz), average
28044	SINGLE	4	cos (phi), phase 3 (50 Hz), average
28046	SINGLE	4	cos (phi), total (50 Hz), average
28050	SINGLE	4	cos (phi), phase 1 (50 Hz), max.
28052	SINGLE	4	cos (phi), phase 2 (50 Hz), max.
28054	SINGLE	4	cos (phi), phase 3 (50 Hz), max.
28056	SINGLE	4	cos (phi), total (50 Hz), max.
PE/N measurements			
28200	SINGLE	4	Leakage current, RMS
28202	SINGLE	4	Ratio of leakage current to highest phase current as %
28204	SINGLE	4	PE current in 5th CT (PE current transformer)
28206	SINGLE	4	Voltage N-PE
28210	SINGLE	4	Leakage current, RMS, min.
28212	SINGLE	4	Ratio of leakage current to highest phase current as %, min.
28214	SINGLE	4	PE current in 5th CT (PE current transformer), min.
28216	SINGLE	4	Voltage N-PE, average
28220	SINGLE	4	Leakage current, RMS, average
28222	SINGLE	4	Ratio of leakage current to highest phase current as %, average
28224	SINGLE	4	PE current in 5th CT (PE current transformer), average
28226	SINGLE	4	Voltage N-PE, average
28230	SINGLE	4	Leakage current, RMS, max.
28232	SINGLE	4	Ratio of leakage current to highest phase current as %, max.
28234	SINGLE	4	PE current in 5th CT (PE current transformer), max.
28236	SINGLE	4	Voltage N-PE, max.
Active power in interval/sliding average			
28300	SINGLE	4	Active power in interval/sliding average, imported
28302	SINGLE	4	Active power in interval/sliding average, exported
28304	SINGLE	4	Active power in interval/sliding average, ind.
28306	SINGLE	4	Active power in interval/sliding average, cap.
28308	LWORD	4	Time stamp for conclusion of interval

Trend computation			
28400	SINGLE	4	Target power in kW
28402	SINGLE	4	Trend power in kW
28404	SINGLE	4	Corrective power in kW
28406	LWORD	4	Remaining time in interval in seconds
Asymmetry			
28500	SINGLE	4	Voltage asymmetry as %
28502	SINGLE	4	Current asymmetry as %
28504	SINGLE	4	Positive voltage phase sequence
28506	SINGLE	4	Negative voltage phase sequence
28508	SINGLE	4	Zero voltage phase sequence
28510	SINGLE	4	Voltage asymmetry as %, average
28512	SINGLE	4	Current asymmetry as %, average
28514	SINGLE	4	Positive voltage phase sequence, average
28516	SINGLE	4	Negative voltage phase sequence, average
28518	SINGLE	4	Zero voltage phase sequence, average
28520	SINGLE	4	Voltage asymmetry as %, max.
28522	SINGLE	4	Current asymmetry as %, max.
28524	SINGLE	4	Positive voltage phase sequence, max.
28526	SINGLE	4	Negative voltage phase sequence, max.
28528	SINGLE	4	Zero voltage phase sequence, max.
Power at S0 pulse inputs			
28700	SINGLE	4	Value of power at S0 pulse input 1
28702	SINGLE	4	Value of power at S0 pulse input 2
28704	SINGLE	4	Value of power at S0 pulse input 3
28706	SINGLE	4	Value of power at S0 pulse input 1, average
28708	SINGLE	4	Value of power at S0 pulse input 2, average
28710	SINGLE	4	Value of power at S0 pulse input 3, average
Statuses of S0 pulse inputs and outputs			
51100	WORD	2	Status of S0 pulse input 1
51101	WORD	2	Status of S0 pulse input 2
51102	WORD	2	Status of S0 pulse input 3
51103	WORD	2	Status of S0 pulse output 1
51104	WORD	2	Status of S0 pulse output 2
51105	WORD	2	Status of alarm relay
28804	SINGLE	4	Status of S0 pulse input 1, % of last interval on
28806	SINGLE	4	Status of S0 pulse input 2, % of last interval on
28808	SINGLE	4	Status of S0 pulse input 3, % of last interval on
28810	SINGLE	4	Status of S0 pulse output 1, % of last interval on
28812	SINGLE	4	Status of S0 pulse output 2, % of last interval on
28814	SINGLE	4	Status of alarm relay, % of last interval on
28816	SINGLE	4	Status of S0 pulse input 1, no. of cycles in last interval
28818	SINGLE	4	Status of S0 pulse input 2, no. of cycles in last interval
28820	SINGLE	4	Status of S0 pulse input 3, no. of cycles in last interval
28822	SINGLE	4	Status of S0 pulse output 1, no. of cycles in last interval
28824	SINGLE	4	Status of S0 pulse output 2, no. of cycles in last interval
28826	SINGLE	4	Status of alarm relay, no. of cycles in last interval
Statuses of alarm limit monitors			
51108	WORD	2	Status of alarm limit monitor 100
51109	WORD	2	Status of alarm limit monitor 101
51110	WORD	2	Status of alarm limit monitor 102
51111	WORD	2	Status of alarm limit monitor 103
51112	WORD	2	Status of alarm limit monitor 104
51113	WORD	2	Status of alarm limit monitor 105
51114	WORD	2	Status of alarm limit monitor 106
51115	WORD	2	Status of alarm limit monitor 107
51116	WORD	2	Status of alarm limit monitor 108
51117	WORD	2	Status of alarm limit monitor 109
51118	WORD	2	Status of alarm limit monitor 110
51119	WORD	2	Status of alarm limit monitor 111
51120	WORD	2	Status of alarm limit monitor 112
51121	WORD	2	Status of alarm limit monitor 113
51122	WORD	2	Status of alarm limit monitor 114
51123	WORD	2	Status of alarm limit monitor 115
51124	WORD	2	Status of alarm limit monitor 116

51194	WORD	2	Status of alarm limit monitor 186
51195	WORD	2	Status of alarm limit monitor 187
51196	WORD	2	Status of alarm limit monitor 188
51197	WORD	2	Status of alarm limit monitor 189
51198	WORD	2	Status of alarm limit monitor 190
51199	WORD	2	Status of alarm limit monitor 191
51200	WORD	2	Status of alarm limit monitor 192
51201	WORD	2	Status of alarm limit monitor 193
51202	WORD	2	Status of alarm limit monitor 194
51203	WORD	2	Status of alarm limit monitor 195
51204	WORD	2	Status of alarm limit monitor 196
51205	WORD	2	Status of alarm limit monitor 197
51206	WORD	2	Status of alarm limit monitor 198
51207	WORD	2	Status of alarm limit monitor 199
Temperature input			
51208	WORD	2	Probe status
29102	SINGLE	4	Temperature
29104	SINGLE	4	Temperature, min.
29106	SINGLE	4	Temperature, average
29108	SINGLE	4	Temperature, max.
Min. values since reset			
29600	LWORD	4	Time stamp of last reset
29602	SINGLE	4	V L1-L2, min.
29604	LWORD	4	Time stamp V L1-L2, min.
29606	SINGLE	4	V L2-L3, min.
29608	LWORD	4	Time stamp V L2-L3, min.
29610	SINGLE	4	V L3-L1, min.
29612	LWORD	4	Time stamp V L3-L1, min.
29614	SINGLE	4	V N-PE, min.
29616	LWORD	4	Time stamp V N-PE, min.
29618	SINGLE	4	V L1-N, min.
29620	LWORD	4	Time stamp V L1-N, min.
29622	SINGLE	4	V L2-N, min.
29624	LWORD	4	Time stamp V L2-N, min.
29626	SINGLE	4	V L3-N, min.
29628	LWORD	4	Time stamp V L3-N, min.
29630	SINGLE	4	I L1, min.
29632	LWORD	4	Time stamp I L1, min.
29634	SINGLE	4	I L2, min.
29636	LWORD	4	Time stamp I L2, min.
29638	SINGLE	4	I L3, min.
29640	LWORD	4	Time stamp I L3, min.
29642	SINGLE	4	I N, min.
29644	LWORD	4	Time stamp I N, min.
29646	SINGLE	4	I PE, min.
29648	LWORD	4	Time stamp I PE, min.
29650	SINGLE	4	cos (phi), min.
29652	LWORD	4	Time stamp cos (phi), min.
29654	SINGLE	4	Asymmetry V, min.
29656	LWORD	4	Time stamp asymmetry V, min.
29658	SINGLE	4	Asymmetry I, min.
29660	LWORD	4	Time stamp asymmetry I, min.
29662	SINGLE	4	Temperature, min.
29664	LWORD	4	Time stamp temperature, min.
29666	SINGLE	4	THD V L1-L2, min.
29668	LWORD	4	Time stamp THD V L1-L2, min.
29670	SINGLE	4	THD V L2-L3, min.
29672	LWORD	4	Time stamp THD V L2-L3, min.
29674	SINGLE	4	THD V L3-L1, min.
29676	LWORD	4	Time stamp THD V L3-L1, min.
29678	SINGLE	4	THD V L1-N, min.
29680	LWORD	4	Time stamp THD V L1-N, min.
29682	SINGLE	4	THD V L2-N, min.
29684	LWORD	4	Time stamp THD V L2-N, min.
29686	SINGLE	4	THD V L3-N, min.
29688	LWORD	4	Time stamp THD V L3-N, min.
29690	SINGLE	4	THD I L1, min.

29692	LWORD	4	Time stamp THD I L1, min.
29694	SINGLE	4	THD I L2, min.
29696	LWORD	4	Time stamp THD I L2, min.
29698	SINGLE	4	THD I L3, min.
29700	LWORD	4	Time stamp THD I L3, min.
29702	SINGLE	4	THD I N, min.
29704	LWORD	4	Time stamp THD I N, min.
29706	SINGLE	4	H02 V, min.
29708	LWORD	4	Time stamp H02 V, min.
29710	SINGLE	4	H03 V, min.
29712	LWORD	4	Time stamp H03 V, min.
29714	SINGLE	4	H04 V, min.
29716	LWORD	4	Time stamp H04 V, min.
29718	SINGLE	4	H05 V, min.
29720	LWORD	4	Time stamp H05 V, min.
29722	SINGLE	4	H06 V, min.
29724	LWORD	4	Time stamp H06 V, min.
29726	SINGLE	4	H07 V, min.
29728	LWORD	4	Time stamp H07 V, min.
29730	SINGLE	4	H08 V, min.
29732	LWORD	4	Time stamp H08 V, min.
29734	SINGLE	4	H09 V, min.
29736	LWORD	4	Time stamp H09 V, min.
29738	SINGLE	4	H10 V, min.
29740	LWORD	4	Time stamp H10 V, min.
29742	SINGLE	4	H11 V, min.
29744	LWORD	4	Time stamp H11 V, min.
29746	SINGLE	4	H12 V, min.
29748	LWORD	4	Time stamp H12 V, min.
29750	SINGLE	4	H13 V, min.
29752	LWORD	4	Time stamp H13 V, min.
29754	SINGLE	4	H14 V, min.
29756	LWORD	4	Time stamp H14 V, min.
29758	SINGLE	4	H15 V, min.
29760	LWORD	4	Time stamp H15 V, min.
29762	SINGLE	4	H16 V, min.
29764	LWORD	4	Time stamp H16 V, min.
29766	SINGLE	4	H17 V, min.
29768	LWORD	4	Time stamp H17 V, min.
29770	SINGLE	4	H18 V, min.
29772	LWORD	4	Time stamp H18 V, min.
29774	SINGLE	4	H19 V, min.
29776	LWORD	4	Time stamp H19 V, min.
29778	SINGLE	4	H20 V, min.
29780	LWORD	4	Time stamp H20 V, min.
29782	SINGLE	4	H21 V, min.
29784	LWORD	4	Time stamp H21 V, min.
29786	SINGLE	4	H22 V, min.
29788	LWORD	4	Time stamp H22 V, min.
29790	SINGLE	4	H23 V, min.
29792	LWORD	4	Time stamp H23 V, min.
29794	SINGLE	4	H24 V, min.
29796	LWORD	4	Time stamp H24 V, min.
29798	SINGLE	4	H25 V, min.
29800	LWORD	4	Time stamp H25 V, min.
29802	SINGLE	4	H26 V, min.
29804	LWORD	4	Time stamp H26 V, min.
29806	SINGLE	4	H27 V, min.
29808	LWORD	4	Time stamp H27 V, min.
29810	SINGLE	4	H28 V, min.
29812	LWORD	4	Time stamp H28 V, min.
29814	SINGLE	4	H29 V, min.
29816	LWORD	4	Time stamp H29 V, min.
29818	SINGLE	4	H30 V, min.
29820	LWORD	4	Time stamp H30 V, min.
29822	SINGLE	4	H31 V, min.
29824	LWORD	4	Time stamp H31 V, min.
29826	SINGLE	4	H32 V, min.
29828	LWORD	4	Time stamp H32 V, min.

29830	SINGLE	4	H33 V, min.
29832	LWORD	4	Time stamp H33 V, min.
29834	SINGLE	4	H34 V, min.
29836	LWORD	4	Time stamp H34 V, min.
29838	SINGLE	4	H35 V, min.
29840	LWORD	4	Time stamp H35 V, min.
29842	SINGLE	4	H36 V, min.
29844	LWORD	4	Time stamp H36 V, min.
29846	SINGLE	4	H37 V, min.
29848	LWORD	4	Time stamp H37 V, min.
29850	SINGLE	4	H38 V, min.
29852	LWORD	4	Time stamp H38 V, min.
29854	SINGLE	4	H39 V, min.
29856	LWORD	4	Time stamp H39 V, min.
29858	SINGLE	4	H40 V, min.
29860	LWORD	4	Time stamp H40 V, min.
29862	SINGLE	4	H41 V, min.
29864	LWORD	4	Time stamp H41 V, min.
29866	SINGLE	4	H42 V, min.
29868	LWORD	4	Time stamp H42 V, min.
29870	SINGLE	4	H43 V, min.
29872	LWORD	4	Time stamp H43 V, min.
29874	SINGLE	4	H44 V, min.
29876	LWORD	4	Time stamp H44 V, min.
29878	SINGLE	4	H45 V, min.
29880	LWORD	4	Time stamp H45 V, min.
29882	SINGLE	4	H46 V, min.
29884	LWORD	4	Time stamp H46 V, min.
29886	SINGLE	4	H47 V, min.
29888	LWORD	4	Time stamp H47 V, min.
29890	SINGLE	4	H48 V, min.
29892	LWORD	4	Time stamp H48 V, min.
29894	SINGLE	4	H49 V, min.
29896	LWORD	4	Time stamp H49 V, min.
29898	SINGLE	4	H50 V, min.
29900	LWORD	4	Time stamp H50 V, min.
29902	SINGLE	4	H51 V, min.
29904	LWORD	4	Time stamp H51 V, min.
29906	SINGLE	4	Active power, min.
29908	LWORD	4	Time stamp active power, min.
29910	SINGLE	4	Reactive power, min.
29912	LWORD	4	Time stamp reactive power, min.
29914	SINGLE	4	Apparent power, min.
29916	LWORD	4	Time stamp apparent power, min.
29918	SINGLE	4	Active power (interval/sliding average), min.
29920	LWORD	4	Time stamp active power (interval/sliding average), min.
29922	SINGLE	4	Active power (interval/sliding average) export, min.
29924	LWORD	4	Time stamp active power (interval/sliding average) export, min.
29926	SINGLE	4	Reactive power (interval/sliding average) ind., min.
29928	LWORD	4	Time stamp reactive power (interval/sliding average) ind., min.
29930	SINGLE	4	Reactive power (interval/sliding average) cap., min.
29932	LWORD	4	Time stamp reactive power (interval/sliding average) cap., min.
29934	SINGLE	4	Frequency, min.
29936	LWORD	4	Time stamp frequency, min.
29938	SINGLE	4	Leakage current, min.
29940	LWORD	4	Time stamp leakage current, min.
Max. values since reset			
30300	LWORD	4	Time stamp of last reset
30302	SINGLE	4	V L1-L2, max.
30304	LWORD	4	Time stamp V L1-L2, max.
30306	SINGLE	4	V L2-L3, max.
30308	LWORD	4	Time stamp V L2-L3, max.
30310	SINGLE	4	V L3-L1, max.
30312	LWORD	4	Time stamp V L3-L1, max.
30314	SINGLE	4	V N-PE, max.
30316	LWORD	4	Time stamp V N-PE, max.
30318	SINGLE	4	V L1-N, max.
30320	LWORD	4	Time stamp V L1-N, max.

30322	SINGLE	4	V L2-N, max.
30324	LWORD	4	Time stamp V L2-N, max.
30326	SINGLE	4	V L3-N, max.
30328	LWORD	4	Time stamp V L3-N, max.
30330	SINGLE	4	I L1, max.
30332	LWORD	4	Time stamp I L1, max.
30334	SINGLE	4	I L2, max.
30336	LWORD	4	Time stamp I L2, max.
30338	SINGLE	4	I L3, max.
30340	LWORD	4	Time stamp I L3, max.
30342	SINGLE	4	I N, max.
30344	LWORD	4	Time stamp I N, max.
30346	SINGLE	4	I PE, max.
30348	LWORD	4	Time stamp I PE, max.
30350	SINGLE	4	cos (phi), max.
30352	LWORD	4	Time stamp cos (phi), max.
30354	SINGLE	4	Asymmetry V, max.
30356	LWORD	4	Time stamp asymmetry V, max.
30358	SINGLE	4	Asymmetry I, max.
30360	LWORD	4	Time stamp asymmetry I, max.
30362	SINGLE	4	Temperature, max.
30364	LWORD	4	Time stamp temperature, max.
30366	SINGLE	4	THD V L1-L2, max.
30368	LWORD	4	Time stamp THD V L1-L2, max.
30370	SINGLE	4	THD V L2-L3, max.
30372	LWORD	4	Time stamp THD V L2-L3, max.
30374	SINGLE	4	THD V L3-L1, max.
30376	LWORD	4	Time stamp THD V L3-L1, max.
30378	SINGLE	4	THD V L1-N, max.
30380	LWORD	4	Time stamp THD V L1-N, max.
30382	SINGLE	4	THD V L2-N, max.
30384	LWORD	4	Time stamp THD V L2-N, max.
30386	SINGLE	4	THD V L3-N, max.
30388	LWORD	4	Time stamp THD V L3-N, max.
30390	SINGLE	4	THD I L1, max.
30392	LWORD	4	Time stamp THD I L1, max.
30394	SINGLE	4	THD I L2, max.
30396	LWORD	4	Time stamp THD I L2, max.
30398	SINGLE	4	THD I L3, max.
30400	LWORD	4	Time stamp THD I L3, max.
30402	SINGLE	4	THD I N, max.
30404	LWORD	4	Time stamp THD I N, max.
30406	SINGLE	4	H02 V, max.
30408	LWORD	4	Time stamp H02 V, max.
30410	SINGLE	4	H03 V, max.
30412	LWORD	4	Time stamp H03 V, max.
30414	SINGLE	4	H04 V, max.
30416	LWORD	4	Time stamp H04 V, max.
30418	SINGLE	4	H05 V, max.
30420	LWORD	4	Time stamp H05 V, max.
30422	SINGLE	4	H06 V, max.
30424	LWORD	4	Time stamp H06 V, max.
30426	SINGLE	4	H07 V, max.
30428	LWORD	4	Time stamp H07 V, max.
30430	SINGLE	4	H08 V, max.
30432	LWORD	4	Time stamp H08 V, max.
30434	SINGLE	4	H09 V, max.
30436	LWORD	4	Time stamp H09 V, max.
30438	SINGLE	4	H10 V, max.
30440	LWORD	4	Time stamp H10 V, max.
30442	SINGLE	4	H11 V, max.
30444	LWORD	4	Time stamp H11 V, max.
30446	SINGLE	4	H12 V, max.
30448	LWORD	4	Time stamp H12 V, max.
30450	SINGLE	4	H13 V, max.
30452	LWORD	4	Time stamp H13 V, max.
30454	SINGLE	4	H14 V, max.
30456	LWORD	4	Time stamp H14 V, max.
30458	SINGLE	4	H15 V, max.

30460	LWORD	4	Time stamp H15 V, max.
30462	SINGLE	4	H16 V, max.
30464	LWORD	4	Time stamp H16 V, max.
30466	SINGLE	4	H17 V, max.
30468	LWORD	4	Time stamp H17 V, max.
30470	SINGLE	4	H18 V, max.
30472	LWORD	4	Time stamp H18 V, max.
30474	SINGLE	4	H19 V, max.
30476	LWORD	4	Time stamp H19 V, max.
30478	SINGLE	4	H20 V, max.
30480	LWORD	4	Time stamp H20 V, max.
30482	SINGLE	4	H21 V, max.
30484	LWORD	4	Time stamp H21 V, max.
30486	SINGLE	4	H22 V, max.
30488	LWORD	4	Time stamp H22 V, max.
30490	SINGLE	4	H23 V, max.
30492	LWORD	4	Time stamp H23 V, max.
30494	SINGLE	4	H24 V, max.
30496	LWORD	4	Time stamp H24 V, max.
30498	SINGLE	4	H25 V, max.
30500	LWORD	4	Time stamp H25 V, max.
30502	SINGLE	4	H26 V, max.
30504	LWORD	4	Time stamp H26 V, max.
30506	SINGLE	4	H27 V, max.
30508	LWORD	4	Time stamp H27 V, max.
30510	SINGLE	4	H28 V, max.
30512	LWORD	4	Time stamp H28 V, max.
30514	SINGLE	4	H29 V, max.
30516	LWORD	4	Time stamp H29 V, max.
30518	SINGLE	4	H30 V, max.
30520	LWORD	4	Time stamp H30 V, max.
30522	SINGLE	4	H31 V, max.
30524	LWORD	4	Time stamp H31 V, max.
30526	SINGLE	4	H32 V, max.
30528	LWORD	4	Time stamp H32 V, max.
30530	SINGLE	4	H33 V, max.
30532	LWORD	4	Time stamp H33 V, max.
30534	SINGLE	4	H34 V, max.
30536	LWORD	4	Time stamp H34 V, max.
30538	SINGLE	4	H35 V, max.
30540	LWORD	4	Time stamp H35 V, max.
30542	SINGLE	4	H36 V, max.
30544	LWORD	4	Time stamp H36 V, max.
30546	SINGLE	4	H37 V, max.
30548	LWORD	4	Time stamp H37 V, max.
30550	SINGLE	4	H38 V, max.
30552	LWORD	4	Time stamp H38 V, max.
30554	SINGLE	4	H39 V, max.
30556	LWORD	4	Time stamp H39 V, max.
30558	SINGLE	4	H40 V, max.
30560	LWORD	4	Time stamp H40 V, max.
30562	SINGLE	4	H41 V, max.
30564	LWORD	4	Time stamp H41 V, max.
30566	SINGLE	4	H42 V, max.
30568	LWORD	4	Time stamp H42 V, max.
30570	SINGLE	4	H43 V, max.
30572	LWORD	4	Time stamp H43 V, max.
30574	SINGLE	4	H44 V, max.
30576	LWORD	4	Time stamp H44 V, max.
30578	SINGLE	4	H45 V, max.
30580	LWORD	4	Time stamp H45 V, max.
30582	SINGLE	4	H46 V, max.
30584	LWORD	4	Time stamp H46 V, max.
30586	SINGLE	4	H47 V, max.
30588	LWORD	4	Time stamp H47 V, max.
30590	SINGLE	4	H48 V, max.
30592	LWORD	4	Time stamp H48 V, max.
30594	SINGLE	4	H49 V, max.
30596	LWORD	4	Time stamp H49 V, max.

30598	SINGLE	4	H50 V, max.
30600	LWORD	4	Time stamp H50 V, max.
30602	SINGLE	4	H51 V, max.
30604	LWORD	4	Time stamp H51 V, max.
30606	SINGLE	4	Active power, max.
30608	LWORD	4	Time stamp active power, max.
30610	SINGLE	4	Reactive power, max.
30612	LWORD	4	Time stamp reactive power, max.
30614	SINGLE	4	Apparent power, max.
30616	LWORD	4	Time stamp apparent power, max.
30618	SINGLE	4	Active power (interval/sliding average), max.
30620	LWORD	4	Time stamp active power (interval/sliding average), max.
30622	SINGLE	4	Active power (interval/sliding average) export, max.
30624	LWORD	4	Time stamp active power (interval/sliding average) export, max.
30626	SINGLE	4	Reactive power (interval/sliding average) ind., max.
30628	LWORD	4	Time stamp reactive power (interval/sliding average) ind., max.
30630	SINGLE	4	Reactive power (interval/sliding average) cap., max.
30632	LWORD	4	Time stamp reactive power (interval/sliding average) cap., max.
30634	SINGLE	4	Frequency, max.
30636	LWORD	4	Time stamp frequency, max.
30638	SINGLE	4	Leakage current, max.
30640	LWORD	4	Time stamp leakage current, max.
Harmonic distortion, momentary value			
36000	SINGLE	4	THDf V, L1-N
36002	SINGLE	4	THDf V, L2-N
36004	SINGLE	4	THDf V, L3-N
36006	SINGLE	4	THDf V, L1-L2
36008	SINGLE	4	THDf V, L2-L3
36010	SINGLE	4	THDf V, L3-L1
36012	SINGLE	4	THDf I, L1
36014	SINGLE	4	THDf I, L2
36016	SINGLE	4	THDf I, L3
36018	SINGLE	4	THDf I, N
36020	SINGLE	4	THDr V, L1-N
36022	SINGLE	4	THDr V, L2-N
36024	SINGLE	4	THDr V, L3-N
36026	SINGLE	4	THDr V, L1-L2
36028	SINGLE	4	THDr V, L2-L3
36030	SINGLE	4	THDr V, L3-L1
36032	SINGLE	4	THDr I, L1
36034	SINGLE	4	THDr I, L2
36036	SINGLE	4	THDr I, L3
36038	SINGLE	4	THDr I, N
36100	SINGLE	4	THDf V, L1-N, average
36102	SINGLE	4	THDf V, L2-N, average
36104	SINGLE	4	THDf V, L3-N, average
36106	SINGLE	4	THDf V, L1-L2, average
36108	SINGLE	4	THDf V, L2-L3, average
36110	SINGLE	4	THDf V, L3-L1, average
36112	SINGLE	4	THDf I, L1, average
36114	SINGLE	4	THDf I, L2, average
36116	SINGLE	4	THDf I, L3, average
36118	SINGLE	4	THDf I, N, average
36120	SINGLE	4	THDr V, L1-N, average
36122	SINGLE	4	THDr V, L2-N, average
36124	SINGLE	4	THDr V, L3-N, average
36126	SINGLE	4	THDr V, L1-L2, average
36128	SINGLE	4	THDr V, L2-L3, average
36130	SINGLE	4	THDr V, L3-L1, average
36132	SINGLE	4	THDr I, L1, average
36134	SINGLE	4	THDr I, L2, average
36136	SINGLE	4	THDr I, L3, average
36138	SINGLE	4	THDr I, N, average
36200	SINGLE	4	THDf V, L1-N, max.
36202	SINGLE	4	THDf V, L2-N, max.
36204	SINGLE	4	THDf V, L3-N, max.
36206	SINGLE	4	THDf V, L1-L2, max.
36208	SINGLE	4	THDf V, L2-L3, max.

36210	SINGLE	4 THDf V, L3-L1, max.
36212	SINGLE	4 THDf I, L1, max.
36214	SINGLE	4 THDf I, L2, max.
36216	SINGLE	4 THDf I, L3, max.
36218	SINGLE	4 THDf I, N, max.
36220	SINGLE	4 THDr V, L1-N, max.
36222	SINGLE	4 THDr V, L2-N, max.
36224	SINGLE	4 THDr V, L3-N, max.
36226	SINGLE	4 THDr V, L1-L2, max.
36228	SINGLE	4 THDr V, L2-L3, max.
36230	SINGLE	4 THDr V, L3-L1, max.
36232	SINGLE	4 THDr I, L1, max.
36234	SINGLE	4 THDr I, L2, max.
36236	SINGLE	4 THDr I, L3, max.
36238	SINGLE	4 THDr I, N, max.
36300	SINGLE	4 THDf V, L1/2/3-N, max.
36302	SINGLE	4 THDf V, L2-L2/L2-L3/L3-L1, max.
36304	SINGLE	4 THDf I, L1/2/3, max.
36306	SINGLE	4 THDr V, L1/2/3-N, max.
36308	SINGLE	4 THDr V, L2-L2/L2-L3/L3-L1, max.
36310	SINGLE	4 THDr I, L1/2/3, max.
Harmonic voltage, L1-N/L2, momentary value		
36402	SINGLE	4 THD V1 (abs.)
36404	SINGLE	4 V L1-N/L2 RMS
36406	SINGLE	4 H01 V L1-N/L2 (abs.)
36408	SINGLE	4 H02 V L1-N/L2 (abs.)
36410	SINGLE	4 H03 V L1-N/L2 (abs.)
36412	SINGLE	4 H04 V L1-N/L2 (abs.)
36414	SINGLE	4 H05 V L1-N/L2 (abs.)
36416	SINGLE	4 H06 V L1-N/L2 (abs.)
36418	SINGLE	4 H07 V L1-N/L2 (abs.)
36420	SINGLE	4 H08 V L1-N/L2 (abs.)
36422	SINGLE	4 H09 V L1-N/L2 (abs.)
36424	SINGLE	4 H10 V L1-N/L2 (abs.)
36426	SINGLE	4 H11 V L1-N/L2 (abs.)
36428	SINGLE	4 H12 V L1-N/L2 (abs.)
36430	SINGLE	4 H13 V L1-N/L2 (abs.)
36432	SINGLE	4 H14 V L1-N/L2 (abs.)
36434	SINGLE	4 H15 V L1-N/L2 (abs.)
36436	SINGLE	4 H16 V L1-N/L2 (abs.)
36438	SINGLE	4 H17 V L1-N/L2 (abs.)
36440	SINGLE	4 H18 V L1-N/L2 (abs.)
36442	SINGLE	4 H19 V L1-N/L2 (abs.)
36444	SINGLE	4 H20 V L1-N/L2 (abs.)
36446	SINGLE	4 H21 V L1-N/L2 (abs.)
36448	SINGLE	4 H22 V L1-N/L2 (abs.)
36450	SINGLE	4 H23 V L1-N/L2 (abs.)
36452	SINGLE	4 H24 V L1-N/L2 (abs.)
36454	SINGLE	4 H25 V L1-N/L2 (abs.)
36456	SINGLE	4 H26 V L1-N/L2 (abs.)
36458	SINGLE	4 H27 V L1-N/L2 (abs.)
36460	SINGLE	4 H28 V L1-N/L2 (abs.)
36462	SINGLE	4 H29 V L1-N/L2 (abs.)
36464	SINGLE	4 H30 V L1-N/L2 (abs.)
36466	SINGLE	4 H31 V L1-N/L2 (abs.)
36468	SINGLE	4 H32 V L1-N/L2 (abs.)
36470	SINGLE	4 H33 V L1-N/L2 (abs.)
36472	SINGLE	4 H34 V L1-N/L2 (abs.)
36474	SINGLE	4 H35 V L1-N/L2 (abs.)
36476	SINGLE	4 H36 V L1-N/L2 (abs.)
36478	SINGLE	4 H37 V L1-N/L2 (abs.)
36480	SINGLE	4 H38 V L1-N/L2 (abs.)
36482	SINGLE	4 H39 V L1-N/L2 (abs.)
36484	SINGLE	4 H40 V L1-N/L2 (abs.)
36486	SINGLE	4 H41 V L1-N/L2 (abs.)
36488	SINGLE	4 H42 V L1-N/L2 (abs.)
36490	SINGLE	4 H43 V L1-N/L2 (abs.)
36492	SINGLE	4 H44 V L1-N/L2 (abs.)

36494	SINGLE	4	H45 V L1-N/L2 (abs.)
36496	SINGLE	4	H46 V L1-N/L2 (abs.)
36498	SINGLE	4	H47 V L1-N/L2 (abs.)
36500	SINGLE	4	H48 V L1-N/L2 (abs.)
36502	SINGLE	4	H49 V L1-N/L2 (abs.)
36504	SINGLE	4	H50 V L1-N/L2 (abs.)
36506	SINGLE	4	H51 V L1-N/L2 (abs.)
Harmonic voltage, L1-N/L2, average value in interval			
36702	SINGLE	4	THD V1
36704	SINGLE	4	V L1-N/L2 RMS
36706	SINGLE	4	H01 V L1-N/L2 average
36708	SINGLE	4	H02 V L1-N/L2 average
36710	SINGLE	4	H03 V L1-N/L2 average
36712	SINGLE	4	H04 V L1-N/L2 average
36714	SINGLE	4	H05 V L1-N/L2 average
36716	SINGLE	4	H06 V L1-N/L2 average
36718	SINGLE	4	H07 V L1-N/L2 average
36720	SINGLE	4	H08 V L1-N/L2 average
36722	SINGLE	4	H09 V L1-N/L2 average
36724	SINGLE	4	H10 V L1-N/L2 average
36726	SINGLE	4	H11 V L1-N/L2 average
36728	SINGLE	4	H12 V L1-N/L2 average
36730	SINGLE	4	H13 V L1-N/L2 average
36732	SINGLE	4	H14 V L1-N/L2 average
36734	SINGLE	4	H15 V L1-N/L2 average
36736	SINGLE	4	H16 V L1-N/L2 average
36738	SINGLE	4	H17 V L1-N/L2 average
36740	SINGLE	4	H18 V L1-N/L2 average
36742	SINGLE	4	H19 V L1-N/L2 average
36744	SINGLE	4	H20 V L1-N/L2 average
36746	SINGLE	4	H21 V L1-N/L2 average
36748	SINGLE	4	H22 V L1-N/L2 average
36750	SINGLE	4	H23 V L1-N/L2 average
36752	SINGLE	4	H24 V L1-N/L2 average
36754	SINGLE	4	H25 V L1-N/L2 average
36756	SINGLE	4	H26 V L1-N/L2 average
36758	SINGLE	4	H27 V L1-N/L2 average
36760	SINGLE	4	H28 V L1-N/L2 average
36762	SINGLE	4	H29 V L1-N/L2 average
36764	SINGLE	4	H30 V L1-N/L2 average
36766	SINGLE	4	H31 V L1-N/L2 average
36768	SINGLE	4	H32 V L1-N/L2 average
36770	SINGLE	4	H33 V L1-N/L2 average
36772	SINGLE	4	H34 V L1-N/L2 average
36774	SINGLE	4	H35 V L1-N/L2 average
36776	SINGLE	4	H36 V L1-N/L2 average
36778	SINGLE	4	H37 V L1-N/L2 average
36780	SINGLE	4	H38 V L1-N/L2 average
36782	SINGLE	4	H39 V L1-N/L2 average
36784	SINGLE	4	H40 V L1-N/L2 average
36786	SINGLE	4	H41 V L1-N/L2 average
36788	SINGLE	4	H42 V L1-N/L2 average
36790	SINGLE	4	H43 V L1-N/L2 average
36792	SINGLE	4	H44 V L1-N/L2 average
36794	SINGLE	4	H45 V L1-N/L2 average
36796	SINGLE	4	H46 V L1-N/L2 average
36798	SINGLE	4	H47 V L1-N/L2 average
36800	SINGLE	4	H48 V L1-N/L2 average
36802	SINGLE	4	H49 V L1-N/L2 average
36804	SINGLE	4	H50 V L1-N/L2 average
36806	SINGLE	4	H51 V L1-N/L2 average
Harmonic voltage, L1-N/L2, maximum value in interval			
37002	SINGLE	4	THD V1
37004	SINGLE	4	V L1-N/L2 RMS
37006	SINGLE	4	H01 V L1-N/L2 max.
37008	SINGLE	4	H02 V L1-N/L2 max.
37010	SINGLE	4	H03 V L1-N/L2 max.

37012	SINGLE	4	H04 V L1-N/L2 max.
37014	SINGLE	4	H05 V L1-N/L2 max.
37016	SINGLE	4	H06 V L1-N/L2 max.
37018	SINGLE	4	H07 V L1-N/L2 max.
37020	SINGLE	4	H08 V L1-N/L2 max.
37022	SINGLE	4	H09 V L1-N/L2 max.
37024	SINGLE	4	H10 V L1-N/L2 max.
37026	SINGLE	4	H11 V L1-N/L2 max.
37028	SINGLE	4	H12 V L1-N/L2 max.
37030	SINGLE	4	H13 V L1-N/L2 max.
37032	SINGLE	4	H14 V L1-N/L2 max.
37034	SINGLE	4	H15 V L1-N/L2 max.
37036	SINGLE	4	H16 V L1-N/L2 max.
37038	SINGLE	4	H17 V L1-N/L2 max.
37040	SINGLE	4	H18 V L1-N/L2 max.
37042	SINGLE	4	H19 V L1-N/L2 max.
37044	SINGLE	4	H20 V L1-N/L2 max.
37046	SINGLE	4	H21 V L1-N/L2 max.
37048	SINGLE	4	H22 V L1-N/L2 max.
37050	SINGLE	4	H23 V L1-N/L2 max.
37052	SINGLE	4	H24 V L1-N/L2 max.
37054	SINGLE	4	H25 V L1-N/L2 max.
37056	SINGLE	4	H26 V L1-N/L2 max.
37058	SINGLE	4	H27 V L1-N/L2 max.
37060	SINGLE	4	H28 V L1-N/L2 max.
37062	SINGLE	4	H29 V L1-N/L2 max.
37064	SINGLE	4	H30 V L1-N/L2 max.
37066	SINGLE	4	H31 V L1-N/L2 max.
37068	SINGLE	4	H32 V L1-N/L2 max.
37070	SINGLE	4	H33 V L1-N/L2 max.
37072	SINGLE	4	H34 V L1-N/L2 max.
37074	SINGLE	4	H35 V L1-N/L2 max.
37076	SINGLE	4	H36 V L1-N/L2 max.
37078	SINGLE	4	H37 V L1-N/L2 max.
37080	SINGLE	4	H38 V L1-N/L2 max.
37082	SINGLE	4	H39 V L1-N/L2 max.
37084	SINGLE	4	H40 V L1-N/L2 max.
37086	SINGLE	4	H41 V L1-N/L2 max.
37088	SINGLE	4	H42 V L1-N/L2 max.
37090	SINGLE	4	H43 V L1-N/L2 max.
37092	SINGLE	4	H44 V L1-N/L2 max.
37094	SINGLE	4	H45 V L1-N/L2 max.
37096	SINGLE	4	H46 V L1-N/L2 max.
37098	SINGLE	4	H47 V L1-N/L2 max.
37100	SINGLE	4	H48 V L1-N/L2 max.
37102	SINGLE	4	H49 V L1-N/L2 max.
37104	SINGLE	4	H50 V L1-N/L2 max.
37106	SINGLE	4	H51 V L1-N/L2 max.
Harmonic voltage, L2-N/L3, momentary value			
37302	SINGLE	4	THD V2 (abs.)
37304	SINGLE	4	V L2-N/L3 RMS
37306	SINGLE	4	H01 V L2-N/L3 (abs.)
37308	SINGLE	4	H02 V L2-N/L3 (abs.)
37310	SINGLE	4	H03 V L2-N/L3 (abs.)
37312	SINGLE	4	H04 V L2-N/L3 (abs.)
37314	SINGLE	4	H05 V L2-N/L3 (abs.)
37316	SINGLE	4	H06 V L2-N/L3 (abs.)
37318	SINGLE	4	H07 V L2-N/L3 (abs.)
37320	SINGLE	4	H08 V L2-N/L3 (abs.)
37322	SINGLE	4	H09 V L2-N/L3 (abs.)
37324	SINGLE	4	H10 V L2-N/L3 (abs.)
37326	SINGLE	4	H11 V L2-N/L3 (abs.)
37328	SINGLE	4	H12 V L2-N/L3 (abs.)
37330	SINGLE	4	H13 V L2-N/L3 (abs.)
37332	SINGLE	4	H14 V L2-N/L3 (abs.)
37334	SINGLE	4	H15 V L2-N/L3 (abs.)
37336	SINGLE	4	H16 V L2-N/L3 (abs.)
37338	SINGLE	4	H17 V L2-N/L3 (abs.)

37340	SINGLE	4	H18 V L2-N/L3 (abs.)
37342	SINGLE	4	H19 V L2-N/L3 (abs.)
37344	SINGLE	4	H20 V L2-N/L3 (abs.)
37346	SINGLE	4	H21 V L2-N/L3 (abs.)
37348	SINGLE	4	H22 V L2-N/L3 (abs.)
37350	SINGLE	4	H23 V L2-N/L3 (abs.)
37352	SINGLE	4	H24 V L2-N/L3 (abs.)
37354	SINGLE	4	H25 V L2-N/L3 (abs.)
37356	SINGLE	4	H26 V L2-N/L3 (abs.)
37358	SINGLE	4	H27 V L2-N/L3 (abs.)
37360	SINGLE	4	H28 V L2-N/L3 (abs.)
37362	SINGLE	4	H29 V L2-N/L3 (abs.)
37364	SINGLE	4	H30 V L2-N/L3 (abs.)
37366	SINGLE	4	H31 V L2-N/L3 (abs.)
37368	SINGLE	4	H32 V L2-N/L3 (abs.)
37370	SINGLE	4	H33 V L2-N/L3 (abs.)
37372	SINGLE	4	H34 V L2-N/L3 (abs.)
37374	SINGLE	4	H35 V L2-N/L3 (abs.)
37376	SINGLE	4	H36 V L2-N/L3 (abs.)
37378	SINGLE	4	H37 V L2-N/L3 (abs.)
37380	SINGLE	4	H38 V L2-N/L3 (abs.)
37382	SINGLE	4	H39 V L2-N/L3 (abs.)
37384	SINGLE	4	H40 V L2-N/L3 (abs.)
37386	SINGLE	4	H41 V L2-N/L3 (abs.)
37388	SINGLE	4	H42 V L2-N/L3 (abs.)
37390	SINGLE	4	H43 V L2-N/L3 (abs.)
37392	SINGLE	4	H44 V L2-N/L3 (abs.)
37394	SINGLE	4	H45 V L2-N/L3 (abs.)
37396	SINGLE	4	H46 V L2-N/L3 (abs.)
37398	SINGLE	4	H47 V L2-N/L3 (abs.)
37400	SINGLE	4	H48 V L2-N/L3 (abs.)
37402	SINGLE	4	H49 V L2-N/L3 (abs.)
37404	SINGLE	4	H50 V L2-N/L3 (abs.)
37406	SINGLE	4	H51 V L2-N/L3 (abs.)
Harmonic voltage, L2-N/L3, average value in interval			
37602	SINGLE	4	THD V2
37604	SINGLE	4	V L2-N/L3 RMS
37606	SINGLE	4	H01 V L2-N/L3 average
37608	SINGLE	4	H02 V L2-N/L3 average
37610	SINGLE	4	H03 V L2-N/L3 average
37612	SINGLE	4	H04 V L2-N/L3 average
37614	SINGLE	4	H05 V L2-N/L3 average
37616	SINGLE	4	H06 V L2-N/L3 average
37618	SINGLE	4	H07 V L2-N/L3 average
37620	SINGLE	4	H08 V L2-N/L3 average
37622	SINGLE	4	H09 V L2-N/L3 average
37624	SINGLE	4	H10 V L2-N/L3 average
37626	SINGLE	4	H11 V L2-N/L3 average
37628	SINGLE	4	H12 V L2-N/L3 average
37630	SINGLE	4	H13 V L2-N/L3 average
37632	SINGLE	4	H14 V L2-N/L3 average
37634	SINGLE	4	H15 V L2-N/L3 average
37636	SINGLE	4	H16 V L2-N/L3 average
37638	SINGLE	4	H17 V L2-N/L3 average
37640	SINGLE	4	H18 V L2-N/L3 average
37642	SINGLE	4	H19 V L2-N/L3 average
37644	SINGLE	4	H20 V L2-N/L3 average
37646	SINGLE	4	H21 V L2-N/L3 average
37648	SINGLE	4	H22 V L2-N/L3 average
37650	SINGLE	4	H23 V L2-N/L3 average
37652	SINGLE	4	H24 V L2-N/L3 average
37654	SINGLE	4	H25 V L2-N/L3 average
37656	SINGLE	4	H26 V L2-N/L3 average
37658	SINGLE	4	H27 V L2-N/L3 average
37660	SINGLE	4	H28 V L2-N/L3 average
37662	SINGLE	4	H29 V L2-N/L3 average
37664	SINGLE	4	H30 V L2-N/L3 average
37666	SINGLE	4	H31 V L2-N/L3 average

37668	SINGLE	4	H32 V L2-N/L3 average
37670	SINGLE	4	H33 V L2-N/L3 average
37672	SINGLE	4	H34 V L2-N/L3 average
37674	SINGLE	4	H35 V L2-N/L3 average
37676	SINGLE	4	H36 V L2-N/L3 average
37678	SINGLE	4	H37 V L2-N/L3 average
37680	SINGLE	4	H38 V L2-N/L3 average
37682	SINGLE	4	H39 V L2-N/L3 average
37684	SINGLE	4	H40 V L2-N/L3 average
37686	SINGLE	4	H41 V L2-N/L3 average
37688	SINGLE	4	H42 V L2-N/L3 average
37690	SINGLE	4	H43 V L2-N/L3 average
37692	SINGLE	4	H44 V L2-N/L3 average
37694	SINGLE	4	H45 V L2-N/L3 average
37696	SINGLE	4	H46 V L2-N/L3 average
37698	SINGLE	4	H47 V L2-N/L3 average
37700	SINGLE	4	H48 V L2-N/L3 average
37702	SINGLE	4	H49 V L2-N/L3 average
37704	SINGLE	4	H50 V L2-N/L3 average
37706	SINGLE	4	H51 V L2-N/L3 average
Harmonic voltage, L2-N/L3, max. value in interval			
37902	SINGLE	4	THD V2
37904	SINGLE	4	V L2-N/L3 RMS
37906	SINGLE	4	H01 V L2-N/L3 max.
37908	SINGLE	4	H02 V L2-N/L3 max.
37910	SINGLE	4	H03 V L2-N/L3 max.
37912	SINGLE	4	H04 V L2-N/L3 max.
37914	SINGLE	4	H05 V L2-N/L3 max.
37916	SINGLE	4	H06 V L2-N/L3 max.
37918	SINGLE	4	H07 V L2-N/L3 max.
37920	SINGLE	4	H08 V L2-N/L3 max.
37922	SINGLE	4	H09 V L2-N/L3 max.
37924	SINGLE	4	H10 V L2-N/L3 max.
37926	SINGLE	4	H11 V L2-N/L3 max.
37928	SINGLE	4	H12 V L2-N/L3 max.
37930	SINGLE	4	H13 V L2-N/L3 max.
37932	SINGLE	4	H14 V L2-N/L3 max.
37934	SINGLE	4	H15 V L2-N/L3 max.
37936	SINGLE	4	H16 V L2-N/L3 max.
37938	SINGLE	4	H17 V L2-N/L3 max.
37940	SINGLE	4	H18 V L2-N/L3 max.
37942	SINGLE	4	H19 V L2-N/L3 max.
37944	SINGLE	4	H20 V L2-N/L3 max.
37946	SINGLE	4	H21 V L2-N/L3 max.
37948	SINGLE	4	H22 V L2-N/L3 max.
37950	SINGLE	4	H23 V L2-N/L3 max.
37952	SINGLE	4	H24 V L2-N/L3 max.
37954	SINGLE	4	H25 V L2-N/L3 max.
37956	SINGLE	4	H26 V L2-N/L3 max.
37958	SINGLE	4	H27 V L2-N/L3 max.
37960	SINGLE	4	H28 V L2-N/L3 max.
37962	SINGLE	4	H29 V L2-N/L3 max.
37964	SINGLE	4	H30 V L2-N/L3 max.
37966	SINGLE	4	H31 V L2-N/L3 max.
37968	SINGLE	4	H32 V L2-N/L3 max.
37970	SINGLE	4	H33 V L2-N/L3 max.
37972	SINGLE	4	H34 V L2-N/L3 max.
37974	SINGLE	4	H35 V L2-N/L3 max.
37976	SINGLE	4	H36 V L2-N/L3 max.
37978	SINGLE	4	H37 V L2-N/L3 max.
37980	SINGLE	4	H38 V L2-N/L3 max.
37982	SINGLE	4	H39 V L2-N/L3 max.
37984	SINGLE	4	H40 V L2-N/L3 max.
37986	SINGLE	4	H41 V L2-N/L3 max.
37988	SINGLE	4	H42 V L2-N/L3 max.
37990	SINGLE	4	H43 V L2-N/L3 max.
37992	SINGLE	4	H44 V L2-N/L3 max.
37994	SINGLE	4	H45 V L2-N/L3 max.

37996	SINGLE	4	H46 V L2-N/L3 max.
37998	SINGLE	4	H47 V L2-N/L3 max.
38000	SINGLE	4	H48 V L2-N/L3 max.
38002	SINGLE	4	H49 V L2-N/L3 max.
38004	SINGLE	4	H50 V L2-N/L3 max.
38006	SINGLE	4	H51 V L2-N/L3 max.
Harmonic voltage, L3-N/L1, momentary value			
38202	SINGLE	4	THD V3 (abs.)
38204	SINGLE	4	V L3-N/L1 RMS
38206	SINGLE	4	H01 V L3-N/L1 (abs.)
38208	SINGLE	4	H02 V L3-N/L1 (abs.)
38210	SINGLE	4	H03 V L3-N/L1 (abs.)
38212	SINGLE	4	H04 V L3-N/L1 (abs.)
38214	SINGLE	4	H05 V L3-N/L1 (abs.)
38216	SINGLE	4	H06 V L3-N/L1 (abs.)
38218	SINGLE	4	H07 V L3-N/L1 (abs.)
38220	SINGLE	4	H08 V L3-N/L1 (abs.)
38222	SINGLE	4	H09 V L3-N/L1 (abs.)
38224	SINGLE	4	H10 V L3-N/L1 (abs.)
38226	SINGLE	4	H11 V L3-N/L1 (abs.)
38228	SINGLE	4	H12 V L3-N/L1 (abs.)
38230	SINGLE	4	H13 V L3-N/L1 (abs.)
38232	SINGLE	4	H14 V L3-N/L1 (abs.)
38234	SINGLE	4	H15 V L3-N/L1 (abs.)
38236	SINGLE	4	H16 V L3-N/L1 (abs.)
38238	SINGLE	4	H17 V L3-N/L1 (abs.)
38240	SINGLE	4	H18 V L3-N/L1 (abs.)
38242	SINGLE	4	H19 V L3-N/L1 (abs.)
38244	SINGLE	4	H20 V L3-N/L1 (abs.)
38246	SINGLE	4	H21 V L3-N/L1 (abs.)
38248	SINGLE	4	H22 V L3-N/L1 (abs.)
38250	SINGLE	4	H23 V L3-N/L1 (abs.)
38252	SINGLE	4	H24 V L3-N/L1 (abs.)
38254	SINGLE	4	H25 V L3-N/L1 (abs.)
38256	SINGLE	4	H26 V L3-N/L1 (abs.)
38258	SINGLE	4	H27 V L3-N/L1 (abs.)
38260	SINGLE	4	H28 V L3-N/L1 (abs.)
38262	SINGLE	4	H29 V L3-N/L1 (abs.)
38264	SINGLE	4	H30 V L3-N/L1 (abs.)
38266	SINGLE	4	H31 V L3-N/L1 (abs.)
38268	SINGLE	4	H32 V L3-N/L1 (abs.)
38270	SINGLE	4	H33 V L3-N/L1 (abs.)
38272	SINGLE	4	H34 V L3-N/L1 (abs.)
38274	SINGLE	4	H35 V L3-N/L1 (abs.)
38276	SINGLE	4	H36 V L3-N/L1 (abs.)
38278	SINGLE	4	H37 V L3-N/L1 (abs.)
38280	SINGLE	4	H38 V L3-N/L1 (abs.)
38282	SINGLE	4	H39 V L3-N/L1 (abs.)
38284	SINGLE	4	H40 V L3-N/L1 (abs.)
38286	SINGLE	4	H41 V L3-N/L1 (abs.)
38288	SINGLE	4	H42 V L3-N/L1 (abs.)
38290	SINGLE	4	H43 V L3-N/L1 (abs.)
38292	SINGLE	4	H44 V L3-N/L1 (abs.)
38294	SINGLE	4	H45 V L3-N/L1 (abs.)
38296	SINGLE	4	H46 V L3-N/L1 (abs.)
38298	SINGLE	4	H47 V L3-N/L1 (abs.)
38300	SINGLE	4	H48 V L3-N/L1 (abs.)
38302	SINGLE	4	H49 V L3-N/L1 (abs.)
38304	SINGLE	4	H50 V L3-N/L1 (abs.)
38306	SINGLE	4	H51 V L3-N/L1 (abs.)
Harmonic voltage, L3-N/L1, average value in interval			
38502	SINGLE	4	THD V3
38504	SINGLE	4	V L3-N/L1 RMS
38506	SINGLE	4	H01 V L3-N/L1 average
38508	SINGLE	4	H02 V L3-N/L1 average
38510	SINGLE	4	H03 V L3-N/L1 average
38512	SINGLE	4	H04 V L3-N/L1 average

38514	SINGLE	4	H05 V L3-N/L1 average
38516	SINGLE	4	H06 V L3-N/L1 average
38518	SINGLE	4	H07 V L3-N/L1 average
38520	SINGLE	4	H08 V L3-N/L1 average
38522	SINGLE	4	H09 V L3-N/L1 average
38524	SINGLE	4	H10 V L3-N/L1 average
38526	SINGLE	4	H11 V L3-N/L1 average
38528	SINGLE	4	H12 V L3-N/L1 average
38530	SINGLE	4	H13 V L3-N/L1 average
38532	SINGLE	4	H14 V L3-N/L1 average
38534	SINGLE	4	H15 V L3-N/L1 average
38536	SINGLE	4	H16 V L3-N/L1 average
38538	SINGLE	4	H17 V L3-N/L1 average
38540	SINGLE	4	H18 V L3-N/L1 average
38542	SINGLE	4	H19 V L3-N/L1 average
38544	SINGLE	4	H20 V L3-N/L1 average
38546	SINGLE	4	H21 V L3-N/L1 average
38548	SINGLE	4	H22 V L3-N/L1 average
38550	SINGLE	4	H23 V L3-N/L1 average
38552	SINGLE	4	H24 V L3-N/L1 average
38554	SINGLE	4	H25 V L3-N/L1 average
38556	SINGLE	4	H26 V L3-N/L1 average
38558	SINGLE	4	H27 V L3-N/L1 average
38560	SINGLE	4	H28 V L3-N/L1 average
38562	SINGLE	4	H29 V L3-N/L1 average
38564	SINGLE	4	H30 V L3-N/L1 average
38566	SINGLE	4	H31 V L3-N/L1 average
38568	SINGLE	4	H32 V L3-N/L1 average
38570	SINGLE	4	H33 V L3-N/L1 average
38572	SINGLE	4	H34 V L3-N/L1 average
38574	SINGLE	4	H35 V L3-N/L1 average
38576	SINGLE	4	H36 V L3-N/L1 average
38578	SINGLE	4	H37 V L3-N/L1 average
38580	SINGLE	4	H38 V L3-N/L1 average
38582	SINGLE	4	H39 V L3-N/L1 average
38584	SINGLE	4	H40 V L3-N/L1 average
38586	SINGLE	4	H41 V L3-N/L1 average
38588	SINGLE	4	H42 V L3-N/L1 average
38590	SINGLE	4	H43 V L3-N/L1 average
38592	SINGLE	4	H44 V L3-N/L1 average
38594	SINGLE	4	H45 V L3-N/L1 average
38596	SINGLE	4	H46 V L3-N/L1 average
38598	SINGLE	4	H47 V L3-N/L1 average
38600	SINGLE	4	H48 V L3-N/L1 average
38602	SINGLE	4	H49 V L3-N/L1 average
38604	SINGLE	4	H50 V L3-N/L1 average
38606	SINGLE	4	H51 V L3-N/L1 average
Harmonic voltage, L3-N/L1, max. value in interval			
38802	SINGLE	4	THD V3
38804	SINGLE	4	V L3-N/L1 RMS
38806	SINGLE	4	H01 V L3-N/L1 max.
38808	SINGLE	4	H02 V L3-N/L1 max.
38810	SINGLE	4	H03 V L3-N/L1 max.
38812	SINGLE	4	H04 V L3-N/L1 max.
38814	SINGLE	4	H05 V L3-N/L1 max.
38816	SINGLE	4	H06 V L3-N/L1 max.
38818	SINGLE	4	H07 V L3-N/L1 max.
38820	SINGLE	4	H08 V L3-N/L1 max.
38822	SINGLE	4	H09 V L3-N/L1 max.
38824	SINGLE	4	H10 V L3-N/L1 max.
38826	SINGLE	4	H11 V L3-N/L1 max.
38828	SINGLE	4	H12 V L3-N/L1 max.
38830	SINGLE	4	H13 V L3-N/L1 max.
38832	SINGLE	4	H14 V L3-N/L1 max.
38834	SINGLE	4	H15 V L3-N/L1 max.
38836	SINGLE	4	H16 V L3-N/L1 max.
38838	SINGLE	4	H17 V L3-N/L1 max.
38840	SINGLE	4	H18 V L3-N/L1 max.

38842	SINGLE	4	H19 V L3-N/L1 max.
38844	SINGLE	4	H20 V L3-N/L1 max.
38846	SINGLE	4	H21 V L3-N/L1 max.
38848	SINGLE	4	H22 V L3-N/L1 max.
38850	SINGLE	4	H23 V L3-N/L1 max.
38852	SINGLE	4	H24 V L3-N/L1 max.
38854	SINGLE	4	H25 V L3-N/L1 max.
38856	SINGLE	4	H26 V L3-N/L1 max.
38858	SINGLE	4	H27 V L3-N/L1 max.
38860	SINGLE	4	H28 V L3-N/L1 max.
38862	SINGLE	4	H29 V L3-N/L1 max.
38864	SINGLE	4	H30 V L3-N/L1 max.
38866	SINGLE	4	H31 V L3-N/L1 max.
38868	SINGLE	4	H32 V L3-N/L1 max.
38870	SINGLE	4	H33 V L3-N/L1 max.
38872	SINGLE	4	H34 V L3-N/L1 max.
38874	SINGLE	4	H35 V L3-N/L1 max.
38876	SINGLE	4	H36 V L3-N/L1 max.
38878	SINGLE	4	H37 V L3-N/L1 max.
38880	SINGLE	4	H38 V L3-N/L1 max.
38882	SINGLE	4	H39 V L3-N/L1 max.
38884	SINGLE	4	H40 V L3-N/L1 max.
38886	SINGLE	4	H41 V L3-N/L1 max.
38888	SINGLE	4	H42 V L3-N/L1 max.
38890	SINGLE	4	H43 V L3-N/L1 max.
38892	SINGLE	4	H44 V L3-N/L1 max.
38894	SINGLE	4	H45 V L3-N/L1 max.
38896	SINGLE	4	H46 V L3-N/L1 max.
38898	SINGLE	4	H47 V L3-N/L1 max.
38900	SINGLE	4	H48 V L3-N/L1 max.
38902	SINGLE	4	H49 V L3-N/L1 max.
38904	SINGLE	4	H50 V L3-N/L1 max.
38906	SINGLE	4	H51 V L3-N/L1 max.
Harmonic voltage, L1/L2/L3-N/L, max. value of the 3 phases			
39102	SINGLE	4	THD V3 (abs.)
39104	SINGLE	4	V L3-N/L1 RMS
39106	SINGLE	4	H01 V 3 phases max.
39108	SINGLE	4	H02 V 3 phases max.
39110	SINGLE	4	H03 V 3 phases max.
39112	SINGLE	4	H04 V 3 phases max.
39114	SINGLE	4	H05 V 3 phases max.
39116	SINGLE	4	H06 V 3 phases max.
39118	SINGLE	4	H07 V 3 phases max.
39120	SINGLE	4	H08 V 3 phases max.
39122	SINGLE	4	H09 V 3 phases max.
39124	SINGLE	4	H10 V 3 phases max.
39126	SINGLE	4	H11 V 3 phases max.
39128	SINGLE	4	H12 V 3 phases max.
39130	SINGLE	4	H13 V 3 phases max.
39132	SINGLE	4	H14 V 3 phases max.
39134	SINGLE	4	H15 V 3 phases max.
39136	SINGLE	4	H16 V 3 phases max.
39138	SINGLE	4	H17 V 3 phases max.
39140	SINGLE	4	H18 V 3 phases max.
39142	SINGLE	4	H19 V 3 phases max.
39144	SINGLE	4	H20 V 3 phases max.
39146	SINGLE	4	H21 V 3 phases max.
39148	SINGLE	4	H22 V 3 phases max.
39150	SINGLE	4	H23 V 3 phases max.
39152	SINGLE	4	H24 V 3 phases max.
39154	SINGLE	4	H25 V 3 phases max.
39156	SINGLE	4	H26 V 3 phases max.
39158	SINGLE	4	H27 V 3 phases max.
39160	SINGLE	4	H28 V 3 phases max.
39162	SINGLE	4	H29 V 3 phases max.
39164	SINGLE	4	H30 V 3 phases max.
39166	SINGLE	4	H31 V 3 phases max.
39168	SINGLE	4	H32 V 3 phases max.

39170	SINGLE	4	H33 V 3 phases max.
39172	SINGLE	4	H34 V 3 phases max.
39174	SINGLE	4	H35 V 3 phases max.
39176	SINGLE	4	H36 V 3 phases max.
39178	SINGLE	4	H37 V 3 phases max.
39180	SINGLE	4	H38 V 3 phases max.
39182	SINGLE	4	H39 V 3 phases max.
39184	SINGLE	4	H40 V 3 phases max.
39186	SINGLE	4	H41 V 3 phases max.
39188	SINGLE	4	H42 V 3 phases max.
39190	SINGLE	4	H43 V 3 phases max.
39192	SINGLE	4	H44 V 3 phases max.
39194	SINGLE	4	H45 V 3 phases max.
39196	SINGLE	4	H46 V 3 phases max.
39198	SINGLE	4	H47 V 3 phases max.
39200	SINGLE	4	H48 V 3 phases max.
39202	SINGLE	4	H49 V 3 phases max.
39204	SINGLE	4	H50 V 3 phases max.
39206	SINGLE	4	H51 V 3 phases max.
Harmonic current, L1, momentary value			
39402	SINGLE	4	THD I1 (abs.)
39404	SINGLE	4	I L1 RMS
39406	SINGLE	4	H01 I L1 (abs.)
39408	SINGLE	4	H02 I L1 (abs.)
39410	SINGLE	4	H03 I L1 (abs.)
39412	SINGLE	4	H04 I L1 (abs.)
39414	SINGLE	4	H05 I L1 (abs.)
39416	SINGLE	4	H06 I L1 (abs.)
39418	SINGLE	4	H07 I L1 (abs.)
39420	SINGLE	4	H08 I L1 (abs.)
39422	SINGLE	4	H09 I L1 (abs.)
39424	SINGLE	4	H10 I L1 (abs.)
39426	SINGLE	4	H11 I L1 (abs.)
39428	SINGLE	4	H12 I L1 (abs.)
39430	SINGLE	4	H13 I L1 (abs.)
39432	SINGLE	4	H14 I L1 (abs.)
39434	SINGLE	4	H15 I L1 (abs.)
39436	SINGLE	4	H16 I L1 (abs.)
39438	SINGLE	4	H17 I L1 (abs.)
39440	SINGLE	4	H18 I L1 (abs.)
39442	SINGLE	4	H19 I L1 (abs.)
39444	SINGLE	4	H20 I L1 (abs.)
39446	SINGLE	4	H21 I L1 (abs.)
39448	SINGLE	4	H22 I L1 (abs.)
39450	SINGLE	4	H23 I L1 (abs.)
39452	SINGLE	4	H24 I L1 (abs.)
39454	SINGLE	4	H25 I L1 (abs.)
39456	SINGLE	4	H26 I L1 (abs.)
39458	SINGLE	4	H27 I L1 (abs.)
39460	SINGLE	4	H28 I L1 (abs.)
39462	SINGLE	4	H29 I L1 (abs.)
39464	SINGLE	4	H30 I L1 (abs.)
39466	SINGLE	4	H31 I L1 (abs.)
39468	SINGLE	4	H32 I L1 (abs.)
39470	SINGLE	4	H33 I L1 (abs.)
39472	SINGLE	4	H34 I L1 (abs.)
39474	SINGLE	4	H35 I L1 (abs.)
39476	SINGLE	4	H36 I L1 (abs.)
39478	SINGLE	4	H37 I L1 (abs.)
39480	SINGLE	4	H38 I L1 (abs.)
39482	SINGLE	4	H39 I L1 (abs.)
39484	SINGLE	4	H40 I L1 (abs.)
39486	SINGLE	4	H41 I L1 (abs.)
39488	SINGLE	4	H42 I L1 (abs.)
39490	SINGLE	4	H43 I L1 (abs.)
39492	SINGLE	4	H44 I L1 (abs.)
39494	SINGLE	4	H45 I L1 (abs.)
39496	SINGLE	4	H46 I L1 (abs.)

39498	SINGLE	4	H47 L1 (abs.)
39500	SINGLE	4	H48 L1 (abs.)
39502	SINGLE	4	H49 L1 (abs.)
39504	SINGLE	4	H50 L1 (abs.)
39506	SINGLE	4	H51 L1 (abs.)
Harmonic current L1, average value in interval			
39702	SINGLE	4	THD I1
39704	SINGLE	4	I L1 RMS
39706	SINGLE	4	H01 L1 average
39708	SINGLE	4	H02 L1 average
39710	SINGLE	4	H03 L1 average
39712	SINGLE	4	H04 L1 average
39714	SINGLE	4	H05 L1 average
39716	SINGLE	4	H06 L1 average
39718	SINGLE	4	H07 L1 average
39720	SINGLE	4	H08 L1 average
39722	SINGLE	4	H09 L1 average
39724	SINGLE	4	H10 L1 average
39726	SINGLE	4	H11 L1 average
39728	SINGLE	4	H12 L1 average
39730	SINGLE	4	H13 L1 average
39732	SINGLE	4	H14 L1 average
39734	SINGLE	4	H15 L1 average
39736	SINGLE	4	H16 L1 average
39738	SINGLE	4	H17 L1 average
39740	SINGLE	4	H18 L1 average
39742	SINGLE	4	H19 L1 average
39744	SINGLE	4	H20 L1 average
39746	SINGLE	4	H21 L1 average
39748	SINGLE	4	H22 L1 average
39750	SINGLE	4	H23 L1 average
39752	SINGLE	4	H24 L1 average
39754	SINGLE	4	H25 L1 average
39756	SINGLE	4	H26 L1 average
39758	SINGLE	4	H27 L1 average
39760	SINGLE	4	H28 L1 average
39762	SINGLE	4	H29 L1 average
39764	SINGLE	4	H30 L1 average
39766	SINGLE	4	H31 L1 average
39768	SINGLE	4	H32 L1 average
39770	SINGLE	4	H33 L1 average
39772	SINGLE	4	H34 L1 average
39774	SINGLE	4	H35 L1 average
39776	SINGLE	4	H36 L1 average
39778	SINGLE	4	H37 L1 average
39780	SINGLE	4	H38 L1 average
39782	SINGLE	4	H39 L1 average
39784	SINGLE	4	H40 L1 average
39786	SINGLE	4	H41 L1 average
39788	SINGLE	4	H42 L1 average
39790	SINGLE	4	H43 L1 average
39792	SINGLE	4	H44 L1 average
39794	SINGLE	4	H45 L1 average
39796	SINGLE	4	H46 L1 average
39798	SINGLE	4	H47 L1 average
39800	SINGLE	4	H48 L1 average
39802	SINGLE	4	H49 L1 average
39804	SINGLE	4	H50 L1 average
39806	SINGLE	4	H51 L1 average
Harmonic current L1, max. value in interval			
40002	SINGLE	4	THD I1
40004	SINGLE	4	I L1 RMS
40006	SINGLE	4	H01 L1 max.
40008	SINGLE	4	H02 L1 max.
40010	SINGLE	4	H03 L1 max.
40012	SINGLE	4	H04 L1 max.
40014	SINGLE	4	H05 L1 max.

40016	SINGLE	4	H06 L1 max.
40018	SINGLE	4	H07 L1 max.
40020	SINGLE	4	H08 L1 max.
40022	SINGLE	4	H09 L1 max.
40024	SINGLE	4	H10 L1 max.
40026	SINGLE	4	H11 L1 max.
40028	SINGLE	4	H12 L1 max.
40030	SINGLE	4	H13 L1 max.
40032	SINGLE	4	H14 L1 max.
40034	SINGLE	4	H15 L1 max.
40036	SINGLE	4	H16 L1 max.
40038	SINGLE	4	H17 L1 max.
40040	SINGLE	4	H18 L1 max.
40042	SINGLE	4	H19 L1 max.
40044	SINGLE	4	H20 L1 max.
40046	SINGLE	4	H21 L1 max.
40048	SINGLE	4	H22 L1 max.
40050	SINGLE	4	H23 L1 max.
40052	SINGLE	4	H24 L1 max.
40054	SINGLE	4	H25 L1 max.
40056	SINGLE	4	H26 L1 max.
40058	SINGLE	4	H27 L1 max.
40060	SINGLE	4	H28 L1 max.
40062	SINGLE	4	H29 L1 max.
40064	SINGLE	4	H30 L1 max.
40066	SINGLE	4	H31 L1 max.
40068	SINGLE	4	H32 L1 max.
40070	SINGLE	4	H33 L1 max.
40072	SINGLE	4	H34 L1 max.
40074	SINGLE	4	H35 L1 max.
40076	SINGLE	4	H36 L1 max.
40078	SINGLE	4	H37 L1 max.
40080	SINGLE	4	H38 L1 max.
40082	SINGLE	4	H39 L1 max.
40084	SINGLE	4	H40 L1 max.
40086	SINGLE	4	H41 L1 max.
40088	SINGLE	4	H42 L1 max.
40090	SINGLE	4	H43 L1 max.
40092	SINGLE	4	H44 L1 max.
40094	SINGLE	4	H45 L1 max.
40096	SINGLE	4	H46 L1 max.
40098	SINGLE	4	H47 L1 max.
40100	SINGLE	4	H48 L1 max.
40102	SINGLE	4	H49 L1 max.
40104	SINGLE	4	H50 L1 max.
40106	SINGLE	4	H51 L1 max.
Harmonic current, L2, momentary value			
40302	SINGLE	4	THD I2 (abs.)
40304	SINGLE	4	I L2 RMS
40306	SINGLE	4	H01 L2 (abs.)
40308	SINGLE	4	H02 L2 (abs.)
40310	SINGLE	4	H03 L2 (abs.)
40312	SINGLE	4	H04 L2 (abs.)
40314	SINGLE	4	H05 L2 (abs.)
40316	SINGLE	4	H06 L2 (abs.)
40318	SINGLE	4	H07 L2 (abs.)
40320	SINGLE	4	H08 L2 (abs.)
40322	SINGLE	4	H09 L2 (abs.)
40324	SINGLE	4	H10 L2 (abs.)
40326	SINGLE	4	H11 L2 (abs.)
40328	SINGLE	4	H12 L2 (abs.)
40330	SINGLE	4	H13 L2 (abs.)
40332	SINGLE	4	H14 L2 (abs.)
40334	SINGLE	4	H15 L2 (abs.)
40336	SINGLE	4	H16 L2 (abs.)
40338	SINGLE	4	H17 L2 (abs.)
40340	SINGLE	4	H18 L2 (abs.)
40342	SINGLE	4	H19 L2 (abs.)

40344	SINGLE	4	H20 I L2 (abs.)
40346	SINGLE	4	H21 I L2 (abs.)
40348	SINGLE	4	H22 I L2 (abs.)
40350	SINGLE	4	H23 I L2 (abs.)
40352	SINGLE	4	H24 I L2 (abs.)
40354	SINGLE	4	H25 I L2 (abs.)
40356	SINGLE	4	H26 I L2 (abs.)
40358	SINGLE	4	H27 I L2 (abs.)
40360	SINGLE	4	H28 I L2 (abs.)
40362	SINGLE	4	H29 I L2 (abs.)
40364	SINGLE	4	H30 I L2 (abs.)
40366	SINGLE	4	H31 I L2 (abs.)
40368	SINGLE	4	H32 I L2 (abs.)
40370	SINGLE	4	H33 I L2 (abs.)
40372	SINGLE	4	H34 I L2 (abs.)
40374	SINGLE	4	H35 I L2 (abs.)
40376	SINGLE	4	H36 I L2 (abs.)
40378	SINGLE	4	H37 I L2 (abs.)
40380	SINGLE	4	H38 I L2 (abs.)
40382	SINGLE	4	H39 I L2 (abs.)
40384	SINGLE	4	H40 I L2 (abs.)
40386	SINGLE	4	H41 I L2 (abs.)
40388	SINGLE	4	H42 I L2 (abs.)
40390	SINGLE	4	H43 I L2 (abs.)
40392	SINGLE	4	H44 I L2 (abs.)
40394	SINGLE	4	H45 I L2 (abs.)
40396	SINGLE	4	H46 I L2 (abs.)
40398	SINGLE	4	H47 I L2 (abs.)
40400	SINGLE	4	H48 I L2 (abs.)
40402	SINGLE	4	H49 I L2 (abs.)
40404	SINGLE	4	H50 I L2 (abs.)
40406	SINGLE	4	H51 I L2 (abs.)
Harmonic current L2, average value in interval			
40602	SINGLE	4	THD I2
40604	SINGLE	4	I L2 RMS
40606	SINGLE	4	H01 I L2 average
40608	SINGLE	4	H02 I L2 average
40610	SINGLE	4	H03 I L2 average
40612	SINGLE	4	H04 I L2 average
40614	SINGLE	4	H05 I L2 average
40616	SINGLE	4	H06 I L2 average
40618	SINGLE	4	H07 I L2 average
40620	SINGLE	4	H08 I L2 average
40622	SINGLE	4	H09 I L2 average
40624	SINGLE	4	H10 I L2 average
40626	SINGLE	4	H11 I L2 average
40628	SINGLE	4	H12 I L2 average
40630	SINGLE	4	H13 I L2 average
40632	SINGLE	4	H14 I L2 average
40634	SINGLE	4	H15 I L2 average
40636	SINGLE	4	H16 I L2 average
40638	SINGLE	4	H17 I L2 average
40640	SINGLE	4	H18 I L2 average
40642	SINGLE	4	H19 I L2 average
40644	SINGLE	4	H20 I L2 average
40646	SINGLE	4	H21 I L2 average
40648	SINGLE	4	H22 I L2 average
40650	SINGLE	4	H23 I L2 average
40652	SINGLE	4	H24 I L2 average
40654	SINGLE	4	H25 I L2 average
40656	SINGLE	4	H26 I L2 average
40658	SINGLE	4	H27 I L2 average
40660	SINGLE	4	H28 I L2 average
40662	SINGLE	4	H29 I L2 average
40664	SINGLE	4	H30 I L2 average
40666	SINGLE	4	H31 I L2 average
40668	SINGLE	4	H32 I L2 average
40670	SINGLE	4	H33 I L2 average

40672	SINGLE	4	H34 L2 average
40674	SINGLE	4	H35 L2 average
40676	SINGLE	4	H36 L2 average
40678	SINGLE	4	H37 L2 average
40680	SINGLE	4	H38 L2 average
40682	SINGLE	4	H39 L2 average
40684	SINGLE	4	H40 L2 average
40686	SINGLE	4	H41 L2 average
40688	SINGLE	4	H42 L2 average
40690	SINGLE	4	H43 L2 average
40692	SINGLE	4	H44 L2 average
40694	SINGLE	4	H45 L2 average
40696	SINGLE	4	H46 L2 average
40698	SINGLE	4	H47 L2 average
40700	SINGLE	4	H48 L2 average
40702	SINGLE	4	H49 L2 average
40704	SINGLE	4	H50 L2 average
40706	SINGLE	4	H51 L2 average
Harmonic current L2, max. value in interval			
40902	SINGLE	4	THD I2
40904	SINGLE	4	I L2 RMS
40906	SINGLE	4	H01 L2 max.
40908	SINGLE	4	H02 L2 max.
40910	SINGLE	4	H03 L2 max.
40912	SINGLE	4	H04 L2 max.
40914	SINGLE	4	H05 L2 max.
40916	SINGLE	4	H06 L2 max.
40918	SINGLE	4	H07 L2 max.
40920	SINGLE	4	H08 L2 max.
40922	SINGLE	4	H09 L2 max.
40924	SINGLE	4	H10 L2 max.
40926	SINGLE	4	H11 L2 max.
40928	SINGLE	4	H12 L2 max.
40930	SINGLE	4	H13 L2 max.
40932	SINGLE	4	H14 L2 max.
40934	SINGLE	4	H15 L2 max.
40936	SINGLE	4	H16 L2 max.
40938	SINGLE	4	H17 L2 max.
40940	SINGLE	4	H18 L2 max.
40942	SINGLE	4	H19 L2 max.
40944	SINGLE	4	H20 L2 max.
40946	SINGLE	4	H21 L2 max.
40948	SINGLE	4	H22 L2 max.
40950	SINGLE	4	H23 L2 max.
40952	SINGLE	4	H24 L2 max.
40954	SINGLE	4	H25 L2 max.
40956	SINGLE	4	H26 L2 max.
40958	SINGLE	4	H27 L2 max.
40960	SINGLE	4	H28 L2 max.
40962	SINGLE	4	H29 L2 max.
40964	SINGLE	4	H30 L2 max.
40966	SINGLE	4	H31 L2 max.
40968	SINGLE	4	H32 L2 max.
40970	SINGLE	4	H33 L2 max.
40972	SINGLE	4	H34 L2 max.
40974	SINGLE	4	H35 L2 max.
40976	SINGLE	4	H36 L2 max.
40978	SINGLE	4	H37 L2 max.
40980	SINGLE	4	H38 L2 max.
40982	SINGLE	4	H39 L2 max.
40984	SINGLE	4	H40 L2 max.
40986	SINGLE	4	H41 L2 max.
40988	SINGLE	4	H42 L2 max.
40990	SINGLE	4	H43 L2 max.
40992	SINGLE	4	H44 L2 max.
40994	SINGLE	4	H45 L2 max.
40996	SINGLE	4	H46 L2 max.
40998	SINGLE	4	H47 L2 max.

41000	SINGLE	4	H48 I L2 max.
41002	SINGLE	4	H49 I L2 max.
41004	SINGLE	4	H50 I L2 max.
41006	SINGLE	4	H51 I L2 max.
Harmonic current L3, momentary value			
41202	SINGLE	4	THD I3 (abs.)
41204	SINGLE	4	I L3 RMS
41206	SINGLE	4	H01 I L3 (abs.)
41208	SINGLE	4	H02 I L3 (abs.)
41210	SINGLE	4	H03 I L3 (abs.)
41212	SINGLE	4	H04 I L3 (abs.)
41214	SINGLE	4	H05 I L3 (abs.)
41216	SINGLE	4	H06 I L3 (abs.)
41218	SINGLE	4	H07 I L3 (abs.)
41220	SINGLE	4	H08 I L3 (abs.)
41222	SINGLE	4	H09 I L3 (abs.)
41224	SINGLE	4	H10 I L3 (abs.)
41226	SINGLE	4	H11 I L3 (abs.)
41228	SINGLE	4	H12 I L3 (abs.)
41230	SINGLE	4	H13 I L3 (abs.)
41232	SINGLE	4	H14 I L3 (abs.)
41234	SINGLE	4	H15 I L3 (abs.)
41236	SINGLE	4	H16 I L3 (abs.)
41238	SINGLE	4	H17 I L3 (abs.)
41240	SINGLE	4	H18 I L3 (abs.)
41242	SINGLE	4	H19 I L3 (abs.)
41244	SINGLE	4	H20 I L3 (abs.)
41246	SINGLE	4	H21 I L3 (abs.)
41248	SINGLE	4	H22 I L3 (abs.)
41250	SINGLE	4	H23 I L3 (abs.)
41252	SINGLE	4	H24 I L3 (abs.)
41254	SINGLE	4	H25 I L3 (abs.)
41256	SINGLE	4	H26 I L3 (abs.)
41258	SINGLE	4	H27 I L3 (abs.)
41260	SINGLE	4	H28 I L3 (abs.)
41262	SINGLE	4	H29 I L3 (abs.)
41264	SINGLE	4	H30 I L3 (abs.)
41266	SINGLE	4	H31 I L3 (abs.)
41268	SINGLE	4	H32 I L3 (abs.)
41270	SINGLE	4	H33 I L3 (abs.)
41272	SINGLE	4	H34 I L3 (abs.)
41274	SINGLE	4	H35 I L3 (abs.)
41276	SINGLE	4	H36 I L3 (abs.)
41278	SINGLE	4	H37 I L3 (abs.)
41280	SINGLE	4	H38 I L3 (abs.)
41282	SINGLE	4	H39 I L3 (abs.)
41284	SINGLE	4	H40 I L3 (abs.)
41286	SINGLE	4	H41 I L3 (abs.)
41288	SINGLE	4	H42 I L3 (abs.)
41290	SINGLE	4	H43 I L3 (abs.)
41292	SINGLE	4	H44 I L3 (abs.)
41294	SINGLE	4	H45 I L3 (abs.)
41296	SINGLE	4	H46 I L3 (abs.)
41298	SINGLE	4	H47 I L3 (abs.)
41300	SINGLE	4	H48 I L3 (abs.)
41302	SINGLE	4	H49 I L3 (abs.)
41304	SINGLE	4	H50 I L3 (abs.)
41306	SINGLE	4	H51 I L3 (abs.)
Harmonic current L3, average value in interval			
41502	SINGLE	4	THD I3
41504	SINGLE	4	I L3 RMS
41506	SINGLE	4	H01 I L3 average
41508	SINGLE	4	H02 I L3 average
41510	SINGLE	4	H03 I L3 average
41512	SINGLE	4	H04 I L3 average
41514	SINGLE	4	H05 I L3 average
41516	SINGLE	4	H06 I L3 average

41518	SINGLE	4	H07 I L3 average
41520	SINGLE	4	H08 I L3 average
41522	SINGLE	4	H09 I L3 average
41524	SINGLE	4	H10 I L3 average
41526	SINGLE	4	H11 I L3 average
41528	SINGLE	4	H12 I L3 average
41530	SINGLE	4	H13 I L3 average
41532	SINGLE	4	H14 I L3 average
41534	SINGLE	4	H15 I L3 average
41536	SINGLE	4	H16 I L3 average
41538	SINGLE	4	H17 I L3 average
41540	SINGLE	4	H18 I L3 average
41542	SINGLE	4	H19 I L3 average
41544	SINGLE	4	H20 I L3 average
41546	SINGLE	4	H21 I L3 average
41548	SINGLE	4	H22 I L3 average
41550	SINGLE	4	H23 I L3 average
41552	SINGLE	4	H24 I L3 average
41554	SINGLE	4	H25 I L3 average
41556	SINGLE	4	H26 I L3 average
41558	SINGLE	4	H27 I L3 average
41560	SINGLE	4	H28 I L3 average
41562	SINGLE	4	H29 I L3 average
41564	SINGLE	4	H30 I L3 average
41566	SINGLE	4	H31 I L3 average
41568	SINGLE	4	H32 I L3 average
41570	SINGLE	4	H33 I L3 average
41572	SINGLE	4	H34 I L3 average
41574	SINGLE	4	H35 I L3 average
41576	SINGLE	4	H36 I L3 average
41578	SINGLE	4	H37 I L3 average
41580	SINGLE	4	H38 I L3 average
41582	SINGLE	4	H39 I L3 average
41584	SINGLE	4	H40 I L3 average
41586	SINGLE	4	H41 I L3 average
41588	SINGLE	4	H42 I L3 average
41590	SINGLE	4	H43 I L3 average
41592	SINGLE	4	H44 I L3 average
41594	SINGLE	4	H45 I L3 average
41596	SINGLE	4	H46 I L3 average
41598	SINGLE	4	H47 I L3 average
41600	SINGLE	4	H48 I L3 average
41602	SINGLE	4	H49 I L3 average
41604	SINGLE	4	H50 I L3 average
41606	SINGLE	4	H51 I L3 average
Harmonic current L3, max. value in interval			
41802	SINGLE	4	THD I3
41804	SINGLE	4	I L3 RMS
41806	SINGLE	4	H01 I L3 max.
41808	SINGLE	4	H02 I L3 max.
41810	SINGLE	4	H03 I L3 max.
41812	SINGLE	4	H04 I L3 max.
41814	SINGLE	4	H05 I L3 max.
41816	SINGLE	4	H06 I L3 max.
41818	SINGLE	4	H07 I L3 max.
41820	SINGLE	4	H08 I L3 max.
41822	SINGLE	4	H09 I L3 max.
41824	SINGLE	4	H10 I L3 max.
41826	SINGLE	4	H11 I L3 max.
41828	SINGLE	4	H12 I L3 max.
41830	SINGLE	4	H13 I L3 max.
41832	SINGLE	4	H14 I L3 max.
41834	SINGLE	4	H15 I L3 max.
41836	SINGLE	4	H16 I L3 max.
41838	SINGLE	4	H17 I L3 max.
41840	SINGLE	4	H18 I L3 max.
41842	SINGLE	4	H19 I L3 max.
41844	SINGLE	4	H20 I L3 max.

41846	SINGLE	4	H21 L3 max.
41848	SINGLE	4	H22 L3 max.
41850	SINGLE	4	H23 L3 max.
41852	SINGLE	4	H24 L3 max.
41854	SINGLE	4	H25 L3 max.
41856	SINGLE	4	H26 L3 max.
41858	SINGLE	4	H27 L3 max.
41860	SINGLE	4	H28 L3 max.
41862	SINGLE	4	H29 L3 max.
41864	SINGLE	4	H30 L3 max.
41866	SINGLE	4	H31 L3 max.
41868	SINGLE	4	H32 L3 max.
41870	SINGLE	4	H33 L3 max.
41872	SINGLE	4	H34 L3 max.
41874	SINGLE	4	H35 L3 max.
41876	SINGLE	4	H36 L3 max.
41878	SINGLE	4	H37 L3 max.
41880	SINGLE	4	H38 L3 max.
41882	SINGLE	4	H39 L3 max.
41884	SINGLE	4	H40 L3 max.
41886	SINGLE	4	H41 L3 max.
41888	SINGLE	4	H42 L3 max.
41890	SINGLE	4	H43 L3 max.
41892	SINGLE	4	H44 L3 max.
41894	SINGLE	4	H45 L3 max.
41896	SINGLE	4	H46 L3 max.
41898	SINGLE	4	H47 L3 max.
41900	SINGLE	4	H48 L3 max.
41902	SINGLE	4	H49 L3 max.
41904	SINGLE	4	H50 L3 max.
41906	SINGLE	4	H51 L3 max.
Harmonic current L1/L2/L3, max. value in phases			
42102	SINGLE	4	THD I
42104	SINGLE	4	I RMS
42106	SINGLE	4	H01 3 phases max.
42108	SINGLE	4	H02 3 phases max.
42110	SINGLE	4	H03 3 phases max.
42112	SINGLE	4	H04 3 phases max.
42114	SINGLE	4	H05 3 phases max.
42116	SINGLE	4	H06 3 phases max.
42118	SINGLE	4	H07 3 phases max.
42120	SINGLE	4	H08 3 phases max.
42122	SINGLE	4	H09 3 phases max.
42124	SINGLE	4	H10 3 phases max.
42126	SINGLE	4	H11 3 phases max.
42128	SINGLE	4	H12 3 phases max.
42130	SINGLE	4	H13 3 phases max.
42132	SINGLE	4	H14 3 phases max.
42134	SINGLE	4	H15 3 phases max.
42136	SINGLE	4	H16 3 phases max.
42138	SINGLE	4	H17 3 phases max.
42140	SINGLE	4	H18 3 phases max.
42142	SINGLE	4	H19 3 phases max.
42144	SINGLE	4	H20 3 phases max.
42146	SINGLE	4	H21 3 phases max.
42148	SINGLE	4	H22 3 phases max.
42150	SINGLE	4	H23 3 phases max.
42152	SINGLE	4	H24 3 phases max.
42154	SINGLE	4	H25 3 phases max.
42156	SINGLE	4	H26 3 phases max.
42158	SINGLE	4	H27 3 phases max.
42160	SINGLE	4	H28 3 phases max.
42162	SINGLE	4	H29 3 phases max.
42164	SINGLE	4	H30 3 phases max.
42166	SINGLE	4	H31 3 phases max.
42168	SINGLE	4	H32 3 phases max.
42170	SINGLE	4	H33 3 phases max.
42172	SINGLE	4	H34 3 phases max.

42174	SINGLE	4	H35 I 3 phases max.
42176	SINGLE	4	H36 I 3 phases max.
42178	SINGLE	4	H37 I 3 phases max.
42180	SINGLE	4	H38 I 3 phases max.
42182	SINGLE	4	H39 I 3 phases max.
42184	SINGLE	4	H40 I 3 phases max.
42186	SINGLE	4	H41 I 3 phases max.
42188	SINGLE	4	H42 I 3 phases max.
42190	SINGLE	4	H43 I 3 phases max.
42192	SINGLE	4	H44 I 3 phases max.
42194	SINGLE	4	H45 I 3 phases max.
42196	SINGLE	4	H46 I 3 phases max.
42198	SINGLE	4	H47 I 3 phases max.
42200	SINGLE	4	H48 I 3 phases max.
42202	SINGLE	4	H49 I 3 phases max.
42204	SINGLE	4	H50 I 3 phases max.
42206	SINGLE	4	H51 I 3 phases max.
Interharmonic voltage, L1-N/L2, momentary value			
42402	SINGLE	4	THD V1 (abs.)
42404	SINGLE	4	V L1-N/L2 RMS
42406	SINGLE	4	ZH01 V L1-N/L2 (abs.)
42408	SINGLE	4	ZH02 V L1-N/L2 (abs.)
42410	SINGLE	4	ZH03 V L1-N/L2 (abs.)
42412	SINGLE	4	ZH04 V L1-N/L2 (abs.)
42414	SINGLE	4	ZH05 V L1-N/L2 (abs.)
42416	SINGLE	4	ZH06 V L1-N/L2 (abs.)
42418	SINGLE	4	ZH07 V L1-N/L2 (abs.)
42420	SINGLE	4	ZH08 V L1-N/L2 (abs.)
42422	SINGLE	4	ZH09 V L1-N/L2 (abs.)
42424	SINGLE	4	ZH10 V L1-N/L2 (abs.)
42426	SINGLE	4	ZH11 V L1-N/L2 (abs.)
42428	SINGLE	4	ZH12 V L1-N/L2 (abs.)
42430	SINGLE	4	ZH13 V L1-N/L2 (abs.)
42432	SINGLE	4	ZH14 V L1-N/L2 (abs.)
42434	SINGLE	4	ZH15 V L1-N/L2 (abs.)
42436	SINGLE	4	ZH16 V L1-N/L2 (abs.)
42438	SINGLE	4	ZH17 V L1-N/L2 (abs.)
42440	SINGLE	4	ZH18 V L1-N/L2 (abs.)
42442	SINGLE	4	ZH19 V L1-N/L2 (abs.)
42444	SINGLE	4	ZH20 V L1-N/L2 (abs.)
42446	SINGLE	4	ZH21 V L1-N/L2 (abs.)
42448	SINGLE	4	ZH22 V L1-N/L2 (abs.)
42450	SINGLE	4	ZH23 V L1-N/L2 (abs.)
42452	SINGLE	4	ZH24 V L1-N/L2 (abs.)
42454	SINGLE	4	ZH25 V L1-N/L2 (abs.)
42456	SINGLE	4	ZH26 V L1-N/L2 (abs.)
42458	SINGLE	4	ZH27 V L1-N/L2 (abs.)
42460	SINGLE	4	ZH28 V L1-N/L2 (abs.)
42462	SINGLE	4	ZH29 V L1-N/L2 (abs.)
42464	SINGLE	4	ZH30 V L1-N/L2 (abs.)
42466	SINGLE	4	ZH31 V L1-N/L2 (abs.)
42468	SINGLE	4	ZH32 V L1-N/L2 (abs.)
42470	SINGLE	4	ZH33 V L1-N/L2 (abs.)
42472	SINGLE	4	ZH34 V L1-N/L2 (abs.)
42474	SINGLE	4	ZH35 V L1-N/L2 (abs.)
42476	SINGLE	4	ZH36 V L1-N/L2 (abs.)
42478	SINGLE	4	ZH37 V L1-N/L2 (abs.)
42480	SINGLE	4	ZH38 V L1-N/L2 (abs.)
42482	SINGLE	4	ZH39 V L1-N/L2 (abs.)
42484	SINGLE	4	ZH40 V L1-N/L2 (abs.)
42486	SINGLE	4	ZH41 V L1-N/L2 (abs.)
42488	SINGLE	4	ZH42 V L1-N/L2 (abs.)
42490	SINGLE	4	ZH43 V L1-N/L2 (abs.)
42492	SINGLE	4	ZH44 V L1-N/L2 (abs.)
42494	SINGLE	4	ZH45 V L1-N/L2 (abs.)
42496	SINGLE	4	ZH46 V L1-N/L2 (abs.)
42498	SINGLE	4	ZH47 V L1-N/L2 (abs.)
42500	SINGLE	4	ZH48 V L1-N/L2 (abs.)

42502	SINGLE	4	ZH49 V L1-N/L2 (abs.)
42504	SINGLE	4	ZH50 V L1-N/L2 (abs.)
42506	SINGLE	4	ZH51 V L1-N/L2 (abs.)
Interharmonic voltage, L2-N/L3, momentary value			
42702	SINGLE	4	THD V2 (abs.)
42704	SINGLE	4	V L2-N/L3 RMS
42706	SINGLE	4	ZH01 V L2-N/L3 (abs.)
42708	SINGLE	4	ZH02 V L2-N/L3 (abs.)
42710	SINGLE	4	ZH03 V L2-N/L3 (abs.)
42712	SINGLE	4	ZH04 V L2-N/L3 (abs.)
42714	SINGLE	4	ZH05 V L2-N/L3 (abs.)
42716	SINGLE	4	ZH06 V L2-N/L3 (abs.)
42718	SINGLE	4	ZH07 V L2-N/L3 (abs.)
42720	SINGLE	4	ZH08 V L2-N/L3 (abs.)
42722	SINGLE	4	ZH09 V L2-N/L3 (abs.)
42724	SINGLE	4	ZH10 V L2-N/L3 (abs.)
42726	SINGLE	4	ZH11 V L2-N/L3 (abs.)
42728	SINGLE	4	ZH12 V L2-N/L3 (abs.)
42730	SINGLE	4	ZH13 V L2-N/L3 (abs.)
42732	SINGLE	4	ZH14 V L2-N/L3 (abs.)
42734	SINGLE	4	ZH15 V L2-N/L3 (abs.)
42736	SINGLE	4	ZH16 V L2-N/L3 (abs.)
42738	SINGLE	4	ZH17 V L2-N/L3 (abs.)
42740	SINGLE	4	ZH18 V L2-N/L3 (abs.)
42742	SINGLE	4	ZH19 V L2-N/L3 (abs.)
42744	SINGLE	4	ZH20 V L2-N/L3 (abs.)
42746	SINGLE	4	ZH21 V L2-N/L3 (abs.)
42748	SINGLE	4	ZH22 V L2-N/L3 (abs.)
42750	SINGLE	4	ZH23 V L2-N/L3 (abs.)
42752	SINGLE	4	ZH24 V L2-N/L3 (abs.)
42754	SINGLE	4	ZH25 V L2-N/L3 (abs.)
42756	SINGLE	4	ZH26 V L2-N/L3 (abs.)
42758	SINGLE	4	ZH27 V L2-N/L3 (abs.)
42760	SINGLE	4	ZH28 V L2-N/L3 (abs.)
42762	SINGLE	4	ZH29 V L2-N/L3 (abs.)
42764	SINGLE	4	ZH30 V L2-N/L3 (abs.)
42766	SINGLE	4	ZH31 V L2-N/L3 (abs.)
42768	SINGLE	4	ZH32 V L2-N/L3 (abs.)
42770	SINGLE	4	ZH33 V L2-N/L3 (abs.)
42772	SINGLE	4	ZH34 V L2-N/L3 (abs.)
42774	SINGLE	4	ZH35 V L2-N/L3 (abs.)
42776	SINGLE	4	ZH36 V L2-N/L3 (abs.)
42778	SINGLE	4	ZH37 V L2-N/L3 (abs.)
42780	SINGLE	4	ZH38 V L2-N/L3 (abs.)
42782	SINGLE	4	ZH39 V L2-N/L3 (abs.)
42784	SINGLE	4	ZH40 V L2-N/L3 (abs.)
42786	SINGLE	4	ZH41 V L2-N/L3 (abs.)
42788	SINGLE	4	ZH42 V L2-N/L3 (abs.)
42790	SINGLE	4	ZH43 V L2-N/L3 (abs.)
42792	SINGLE	4	ZH44 V L2-N/L3 (abs.)
42794	SINGLE	4	ZH45 V L2-N/L3 (abs.)
42796	SINGLE	4	ZH46 V L2-N/L3 (abs.)
42798	SINGLE	4	ZH47 V L2-N/L3 (abs.)
42800	SINGLE	4	ZH48 V L2-N/L3 (abs.)
42802	SINGLE	4	ZH49 V L2-N/L3 (abs.)
42804	SINGLE	4	ZH50 V L2-N/L3 (abs.)
42806	SINGLE	4	ZH51 V L2-N/L3 (abs.)
Interharmonic voltage, L3-N/L1, momentary value			
43002	SINGLE	4	THD V3 (abs.)
43004	SINGLE	4	V L3-N/L1 RMS
43006	SINGLE	4	ZH01 V L3-N/L1 (abs.)
43008	SINGLE	4	ZH02 V L3-N/L1 (abs.)
43010	SINGLE	4	ZH03 V L3-N/L1 (abs.)
43012	SINGLE	4	ZH04 V L3-N/L1 (abs.)
43014	SINGLE	4	ZH05 V L3-N/L1 (abs.)
43016	SINGLE	4	ZH06 V L3-N/L1 (abs.)
43018	SINGLE	4	ZH07 V L3-N/L1 (abs.)

43020	SINGLE	4	ZH08 V L3-N/L1 (abs.)
43022	SINGLE	4	ZH09 V L3-N/L1 (abs.)
43024	SINGLE	4	ZH10 V L3-N/L1 (abs.)
43026	SINGLE	4	ZH11 V L3-N/L1 (abs.)
43028	SINGLE	4	ZH12 V L3-N/L1 (abs.)
43030	SINGLE	4	ZH13 V L3-N/L1 (abs.)
43032	SINGLE	4	ZH14 V L3-N/L1 (abs.)
43034	SINGLE	4	ZH15 V L3-N/L1 (abs.)
43036	SINGLE	4	ZH16 V L3-N/L1 (abs.)
43038	SINGLE	4	ZH17 V L3-N/L1 (abs.)
43040	SINGLE	4	ZH18 V L3-N/L1 (abs.)
43042	SINGLE	4	ZH19 V L3-N/L1 (abs.)
43044	SINGLE	4	ZH20 V L3-N/L1 (abs.)
43046	SINGLE	4	ZH21 V L3-N/L1 (abs.)
43048	SINGLE	4	ZH22 V L3-N/L1 (abs.)
43050	SINGLE	4	ZH23 V L3-N/L1 (abs.)
43052	SINGLE	4	ZH24 V L3-N/L1 (abs.)
43054	SINGLE	4	ZH25 V L3-N/L1 (abs.)
43056	SINGLE	4	ZH26 V L3-N/L1 (abs.)
43058	SINGLE	4	ZH27 V L3-N/L1 (abs.)
43060	SINGLE	4	ZH28 V L3-N/L1 (abs.)
43062	SINGLE	4	ZH29 V L3-N/L1 (abs.)
43064	SINGLE	4	ZH30 V L3-N/L1 (abs.)
43066	SINGLE	4	ZH31 V L3-N/L1 (abs.)
43068	SINGLE	4	ZH32 V L3-N/L1 (abs.)
43070	SINGLE	4	ZH33 V L3-N/L1 (abs.)
43072	SINGLE	4	ZH34 V L3-N/L1 (abs.)
43074	SINGLE	4	ZH35 V L3-N/L1 (abs.)
43076	SINGLE	4	ZH36 V L3-N/L1 (abs.)
43078	SINGLE	4	ZH37 V L3-N/L1 (abs.)
43080	SINGLE	4	ZH38 V L3-N/L1 (abs.)
43082	SINGLE	4	ZH39 V L3-N/L1 (abs.)
43084	SINGLE	4	ZH40 V L3-N/L1 (abs.)
43086	SINGLE	4	ZH41 V L3-N/L1 (abs.)
43088	SINGLE	4	ZH42 V L3-N/L1 (abs.)
43090	SINGLE	4	ZH43 V L3-N/L1 (abs.)
43092	SINGLE	4	ZH44 V L3-N/L1 (abs.)
43094	SINGLE	4	ZH45 V L3-N/L1 (abs.)
43096	SINGLE	4	ZH46 V L3-N/L1 (abs.)
43098	SINGLE	4	ZH47 V L3-N/L1 (abs.)
43100	SINGLE	4	ZH48 V L3-N/L1 (abs.)
43102	SINGLE	4	ZH49 V L3-N/L1 (abs.)
43104	SINGLE	4	ZH50 V L3-N/L1 (abs.)
43106	SINGLE	4	ZH51 V L3-N/L1 (abs.)
S0 pulse input settings			
2900	STRING	40	Name of S0 pulse input 1, status / meter
2920	STRING	40	Name of S0 pulse input 1 analogue value
2940	STRING	10	Units of S0 pulse input 1 meter
2945	STRING	10	Units of S0 pulse input 1 analogue value
2964	STRING	40	Name of S0 pulse input 2, status /meter
2984	STRING	40	Name of S0 pulse input 2 analogue value
3004	STRING	10	Units of S0 pulse input 2 meter
3009	STRING	10	Units of S0 pulse input 2 analogue value
3028	STRING	40	Name of S0 pulse input 3, status / meter
3048	STRING	40	Name of S0 pulse input 3 analogue value
3068	STRING	10	Units of S0 pulse input 3 meter
3073	STRING	10	Units of S0 pulse input 3 analogue value
S0 OUTPUT settings			
3300	STRING	40	Name of S0 pulse output 1
3330	STRING	40	Name of S0 pulse output 2
ANALOGOUTPUT_SETTINGS			
3500	STRING	40	Name of analogue output 1
3530	STRING	40	Name of analogue output 2
TEMPSENSOR_SETTINGS			
3700	STRING	40	Name of temperature input

EVENT_SETTINGS.EVENTS Alarm limit monitoring			
4400	WORD	2	Alarm limit monitor 100: MP-ID of the source
4401	BYTE H	1	Alarm limit monitor 100: Relational operator
4401	BYTE L	1	Alarm limit monitor 100: Event if...
4402	DOUBLE	8	Alarm limit monitor 100: Set limit
4406	SINGLE	4	Alarm limit monitor 100: Delay
4408	SINGLE	4	Alarm limit monitor 100: Integral action time
4410	SINGLE	4	Alarm limit monitor 100: Hysteresis
4412	WORD	2	Alarm limit monitor 101: MP-ID of the source
4413	BYTE	1	Alarm limit monitor 101: Relational operator
4413	BYTE	1	Alarm limit monitor 101: Event if...
4414	DOUBLE	8	Alarm limit monitor 101: Set limit
4418	SINGLE	4	Alarm limit monitor 101: Delay
4420	SINGLE	4	Alarm limit monitor 101: Integral action time
4422	SINGLE	4	Alarm limit monitor 101: Hysteresis
4424	WORD	2	Alarm limit monitor 102: MP-ID of the source
4425	BYTE	1	Alarm limit monitor 102: Relational operator
4425	BYTE	1	Alarm limit monitor 102: Event if...
4426	DOUBLE	8	Alarm limit monitor 102: Set limit
4430	SINGLE	4	Alarm limit monitor 102: Delay
4432	SINGLE	4	Alarm limit monitor 102: Integral action time
4434	SINGLE	4	Alarm limit monitor 102: Hysteresis
4436	WORD	2	Alarm limit monitor 103: MP-ID of the source
4437	BYTE	1	Alarm limit monitor 103: Relational operator
4437	BYTE	1	Alarm limit monitor 103: Event if...
4438	DOUBLE	8	Alarm limit monitor 103: Set limit
4442	SINGLE	4	Alarm limit monitor 103: Delay
4444	SINGLE	4	Alarm limit monitor 103: Integral action time
4446	SINGLE	4	Alarm limit monitor 103: Hysteresis
4448	WORD	2	Alarm limit monitor 104: MP-ID of the source
4449	BYTE	1	Alarm limit monitor 104: Relational operator
4449	BYTE	1	Alarm limit monitor 104: Event if...
4450	DOUBLE	8	Alarm limit monitor 104: Set limit
4454	SINGLE	4	Alarm limit monitor 104: Delay
4456	SINGLE	4	Alarm limit monitor 104: Integral action time
4458	SINGLE	4	Alarm limit monitor 104: Hysteresis
4460	WORD	2	Alarm limit monitor 105: MP-ID of the source
4461	BYTE	1	Alarm limit monitor 105: Relational operator
4461	BYTE	1	Alarm limit monitor 105: Event if...
4462	DOUBLE	8	Alarm limit monitor 105: Set limit
4466	SINGLE	4	Alarm limit monitor 105: Delay
4468	SINGLE	4	Alarm limit monitor 105: Integral action time
4470	SINGLE	4	Alarm limit monitor 105: Hysteresis
4472	WORD	2	Alarm limit monitor 106: MP-ID of the source
4473	BYTE	1	Alarm limit monitor 106: Relational operator
4473	BYTE	1	Alarm limit monitor 106: Event if...
4474	DOUBLE	8	Alarm limit monitor 106: Set limit
4478	SINGLE	4	Alarm limit monitor 106: Delay
4480	SINGLE	4	Alarm limit monitor 106: Integral action time
4482	SINGLE	4	Alarm limit monitor 106: Hysteresis
4484	WORD	2	Alarm limit monitor 107: MP-ID of the source
4485	BYTE	1	Alarm limit monitor 107: Relational operator
4485	BYTE	1	Alarm limit monitor 107: Event if...
4486	DOUBLE	8	Alarm limit monitor 107: Set limit
4490	SINGLE	4	Alarm limit monitor 107: Delay
4492	SINGLE	4	Alarm limit monitor 107: Integral action time
4494	SINGLE	4	Alarm limit monitor 107: Hysteresis
4496	WORD	2	Alarm limit monitor 108: MP-ID of the source
4497	BYTE	1	Alarm limit monitor 108: Relational operator
4497	BYTE	1	Alarm limit monitor 108: Event if...
4498	DOUBLE	8	Alarm limit monitor 108: Set limit
4502	SINGLE	4	Alarm limit monitor 108: Delay
4504	SINGLE	4	Alarm limit monitor 108: Integral action time
4506	SINGLE	4	Alarm limit monitor 108: Hysteresis
4508	WORD	2	Alarm limit monitor 109: MP-ID of the source
4509	BYTE	1	Alarm limit monitor 109: Relational operator
4509	BYTE	1	Alarm limit monitor 109: Event if...
4510	DOUBLE	8	Alarm limit monitor 109: Set limit

4514	SINGLE	4	Alarm limit monitor 109: Delay
4516	SINGLE	4	Alarm limit monitor 109: Integral action time
4518	SINGLE	4	Alarm limit monitor 109: Hysteresis
4520	WORD	2	Alarm limit monitor 110: MP-ID of the source
4521	BYTE	1	Alarm limit monitor 110: Relational operator
4521	BYTE	1	Alarm limit monitor 110: Event if...
4522	DOUBLE	8	Alarm limit monitor 110: Set limit
4526	SINGLE	4	Alarm limit monitor 110: Delay
4528	SINGLE	4	Alarm limit monitor 110: Integral action time
4530	SINGLE	4	Alarm limit monitor 110: Hysteresis
4532	WORD	2	Alarm limit monitor 111: MP-ID of the source
4533	BYTE	1	Alarm limit monitor 111: Relational operator
4533	BYTE	1	Alarm limit monitor 111: Event if...
4534	DOUBLE	8	Alarm limit monitor 111: Set limit
4538	SINGLE	4	Alarm limit monitor 111: Delay
4540	SINGLE	4	Alarm limit monitor 111: Integral action time
4542	SINGLE	4	Alarm limit monitor 111: Hysteresis
4544	WORD	2	Alarm limit monitor 112: MP-ID of the source
4545	BYTE	1	Alarm limit monitor 112: Relational operator
4545	BYTE	1	Alarm limit monitor 112: Event if...
4546	DOUBLE	8	Alarm limit monitor 112: Set limit
4550	SINGLE	4	Alarm limit monitor 112: Delay
4552	SINGLE	4	Alarm limit monitor 112: Integral action time
4554	SINGLE	4	Alarm limit monitor 112: Hysteresis
4556	WORD	2	Alarm limit monitor 113: MP-ID of the source
4557	BYTE	1	Alarm limit monitor 113: Relational operator
4557	BYTE	1	Alarm limit monitor 113: Event if...
4558	DOUBLE	8	Alarm limit monitor 113: Set limit
4562	SINGLE	4	Alarm limit monitor 113: Delay
4564	SINGLE	4	Alarm limit monitor 113: Integral action time
4566	SINGLE	4	Alarm limit monitor 113: Hysteresis
4568	WORD	2	Alarm limit monitor 114: MP-ID of the source
4569	BYTE	1	Alarm limit monitor 114: Relational operator
4569	BYTE	1	Alarm limit monitor 114: Event if...
4570	DOUBLE	8	Alarm limit monitor 114: Set limit
4574	SINGLE	4	Alarm limit monitor 114: Delay
4576	SINGLE	4	Alarm limit monitor 114: Integral action time
4578	SINGLE	4	Alarm limit monitor 114: Hysteresis
4580	WORD	2	Alarm limit monitor 115: MP-ID of the source
4581	BYTE	1	Alarm limit monitor 115: Relational operator
4581	BYTE	1	Alarm limit monitor 115: Event if...
4582	DOUBLE	8	Alarm limit monitor 115: Set limit
4586	SINGLE	4	Alarm limit monitor 115: Delay
4588	SINGLE	4	Alarm limit monitor 115: Integral action time
4590	SINGLE	4	Alarm limit monitor 115: Hysteresis
4592	WORD	2	Alarm limit monitor 116: MP-ID of the source
4593	BYTE	1	Alarm limit monitor 116: Relational operator
4593	BYTE	1	Alarm limit monitor 116: Event if...
4594	DOUBLE	8	Alarm limit monitor 116: Set limit
4598	SINGLE	4	Alarm limit monitor 116: Delay
4600	SINGLE	4	Alarm limit monitor 116: Integral action time
4602	SINGLE	4	Alarm limit monitor 116: Hysteresis
4604	WORD	2	Alarm limit monitor 117: MP-ID of the source
4605	BYTE	1	Alarm limit monitor 117: Relational operator
4605	BYTE	1	Alarm limit monitor 117: Event if...
4606	DOUBLE	8	Alarm limit monitor 117: Set limit
4610	SINGLE	4	Alarm limit monitor 117: Delay
4612	SINGLE	4	Alarm limit monitor 117: Integral action time
4614	SINGLE	4	Alarm limit monitor 117: Hysteresis
4616	WORD	2	Alarm limit monitor 118: MP-ID of the source
4617	BYTE	1	Alarm limit monitor 118: Relational operator
4617	BYTE	1	Alarm limit monitor 118: Event if...
4618	DOUBLE	8	Alarm limit monitor 118: Set limit
4622	SINGLE	4	Alarm limit monitor 118: Delay
4624	SINGLE	4	Alarm limit monitor 118: Integral action time
4626	SINGLE	4	Alarm limit monitor 118: Hysteresis
4628	WORD	2	Alarm limit monitor 119: MP-ID of the source
4629	BYTE	1	Alarm limit monitor 119: Relational operator
4629	BYTE	1	Alarm limit monitor 119: Event if...

4630	DOUBLE	8	Alarm limit monitor 119: Set limit
4634	SINGLE	4	Alarm limit monitor 119: Delay
4636	SINGLE	4	Alarm limit monitor 119: Integral action time
4638	SINGLE	4	Alarm limit monitor 119: Hysteresis
4640	WORD	2	Alarm limit monitor 120: MP-ID of the source
4641	BYTE	1	Alarm limit monitor 120: Relational operator
4641	BYTE	1	Alarm limit monitor 120: Event if...
4642	DOUBLE	8	Alarm limit monitor 120: Set limit
4646	SINGLE	4	Alarm limit monitor 120: Delay
4648	SINGLE	4	Alarm limit monitor 120: Integral action time
4650	SINGLE	4	Alarm limit monitor 120: Hysteresis
4652	WORD	2	Alarm limit monitor 121: MP-ID of the source
4653	BYTE	1	Alarm limit monitor 121: Relational operator
4653	BYTE	1	Alarm limit monitor 121: Event if...
4654	DOUBLE	8	Alarm limit monitor 121: Set limit
4658	SINGLE	4	Alarm limit monitor 121: Delay
4660	SINGLE	4	Alarm limit monitor 121: Integral action time
4662	SINGLE	4	Alarm limit monitor 121: Hysteresis
4664	WORD	2	Alarm limit monitor 122: MP-ID of the source
4665	BYTE	1	Alarm limit monitor 122: Relational operator
4665	BYTE	1	Alarm limit monitor 122: Event if...
4666	DOUBLE	8	Alarm limit monitor 122: Set limit
4670	SINGLE	4	Alarm limit monitor 122: Delay
4672	SINGLE	4	Alarm limit monitor 122: Integral action time
4674	SINGLE	4	Alarm limit monitor 122: Hysteresis
4676	WORD	2	Alarm limit monitor 123: MP-ID of the source
4677	BYTE	1	Alarm limit monitor 123: Relational operator
4677	BYTE	1	Alarm limit monitor 123: Event if...
4678	DOUBLE	8	Alarm limit monitor 123: Set limit
4682	SINGLE	4	Alarm limit monitor 123: Delay
4684	SINGLE	4	Alarm limit monitor 123: Integral action time
4686	SINGLE	4	Alarm limit monitor 123: Hysteresis
4688	WORD	2	Alarm limit monitor 124: MP-ID of the source
4689	BYTE	1	Alarm limit monitor 124: Relational operator
4689	BYTE	1	Alarm limit monitor 124: Event if...
4690	DOUBLE	8	Alarm limit monitor 124: Set limit
4694	SINGLE	4	Alarm limit monitor 124: Delay
4696	SINGLE	4	Alarm limit monitor 124: Integral action time
4698	SINGLE	4	Alarm limit monitor 124: Hysteresis
4700	WORD	2	Alarm limit monitor 125: MP-ID of the source
4701	BYTE	1	Alarm limit monitor 125: Relational operator
4701	BYTE	1	Alarm limit monitor 125: Event if...
4702	DOUBLE	8	Alarm limit monitor 125: Set limit
4706	SINGLE	4	Alarm limit monitor 125: Delay
4708	SINGLE	4	Alarm limit monitor 125: Integral action time
4710	SINGLE	4	Alarm limit monitor 125: Hysteresis
4712	WORD	2	Alarm limit monitor 126: MP-ID of the source
4713	BYTE	1	Alarm limit monitor 126: Relational operator
4713	BYTE	1	Alarm limit monitor 126: Event if...
4714	DOUBLE	8	Alarm limit monitor 126: Set limit
4718	SINGLE	4	Alarm limit monitor 126: Delay
4720	SINGLE	4	Alarm limit monitor 126: Integral action time
4722	SINGLE	4	Alarm limit monitor 126: Hysteresis
4724	WORD	2	Alarm limit monitor 127: MP-ID of the source
4725	BYTE	1	Alarm limit monitor 127: Relational operator
4725	BYTE	1	Alarm limit monitor 127: Event if...
4726	DOUBLE	8	Alarm limit monitor 127: Set limit
4730	SINGLE	4	Alarm limit monitor 127: Delay
4732	SINGLE	4	Alarm limit monitor 127: Integral action time
4734	SINGLE	4	Alarm limit monitor 127: Hysteresis
4736	WORD	2	Alarm limit monitor 128: MP-ID of the source
4737	BYTE	1	Alarm limit monitor 128: Relational operator
4737	BYTE	1	Alarm limit monitor 128: Event if...
4738	DOUBLE	8	Alarm limit monitor 128: Set limit
4742	SINGLE	4	Alarm limit monitor 128: Delay
4744	SINGLE	4	Alarm limit monitor 128: Integral action time
4746	SINGLE	4	Alarm limit monitor 128: Hysteresis
4748	WORD	2	Alarm limit monitor 129: MP-ID of the source
4749	BYTE	1	Alarm limit monitor 129: Relational operator

4749	BYTE	1	Alarm limit monitor 129: Event if...
4750	DOUBLE	8	Alarm limit monitor 129: Set limit
4754	SINGLE	4	Alarm limit monitor 129: Delay
4756	SINGLE	4	Alarm limit monitor 129: Integral action time
4758	SINGLE	4	Alarm limit monitor 129: Hysteresis
4760	WORD	2	Alarm limit monitor 130: MP-ID of the source
4761	BYTE	1	Alarm limit monitor 130: Relational operator
4761	BYTE	1	Alarm limit monitor 130: Event if...
4762	DOUBLE	8	Alarm limit monitor 130: Set limit
4766	SINGLE	4	Alarm limit monitor 130: Delay
4768	SINGLE	4	Alarm limit monitor 130: Integral action time
4770	SINGLE	4	Alarm limit monitor 130: Hysteresis
4772	WORD	2	Alarm limit monitor 131: MP-ID of the source
4773	BYTE	1	Alarm limit monitor 131: Relational operator
4773	BYTE	1	Alarm limit monitor 131: Event if...
4774	DOUBLE	8	Alarm limit monitor 131: Set limit
4778	SINGLE	4	Alarm limit monitor 131: Delay
4780	SINGLE	4	Alarm limit monitor 131: Integral action time
4782	SINGLE	4	Alarm limit monitor 131: Hysteresis
4784	WORD	2	Alarm limit monitor 132: MP-ID of the source
4785	BYTE	1	Alarm limit monitor 132: Relational operator
4785	BYTE	1	Alarm limit monitor 132: Event if...
4786	DOUBLE	8	Alarm limit monitor 132: Set limit
4790	SINGLE	4	Alarm limit monitor 132: Delay
4792	SINGLE	4	Alarm limit monitor 132: Integral action time
4794	SINGLE	4	Alarm limit monitor 132: Hysteresis
4796	WORD	2	Alarm limit monitor 133: MP-ID of the source
4797	BYTE	1	Alarm limit monitor 133: Relational operator
4797	BYTE	1	Alarm limit monitor 133: Event if...
4798	DOUBLE	8	Alarm limit monitor 133: Set limit
4802	SINGLE	4	Alarm limit monitor 133: Delay
4804	SINGLE	4	Alarm limit monitor 133: Integral action time
4806	SINGLE	4	Alarm limit monitor 133: Hysteresis
4808	WORD	2	Alarm limit monitor 134: MP-ID of the source
4809	BYTE	1	Alarm limit monitor 134: Relational operator
4809	BYTE	1	Alarm limit monitor 134: Event if...
4810	DOUBLE	8	Alarm limit monitor 134: Set limit
4814	SINGLE	4	Alarm limit monitor 134: Delay
4816	SINGLE	4	Alarm limit monitor 134: Integral action time
4818	SINGLE	4	Alarm limit monitor 134: Hysteresis
4820	WORD	2	Alarm limit monitor 135: MP-ID of the source
4821	BYTE	1	Alarm limit monitor 135: Relational operator
4821	BYTE	1	Alarm limit monitor 135: Event if...
4822	DOUBLE	8	Alarm limit monitor 135: Set limit
4826	SINGLE	4	Alarm limit monitor 135: Delay
4828	SINGLE	4	Alarm limit monitor 135: Integral action time
4830	SINGLE	4	Alarm limit monitor 135: Hysteresis
4832	WORD	2	Alarm limit monitor 136: MP-ID of the source
4833	BYTE	1	Alarm limit monitor 136: Relational operator
4833	BYTE	1	Alarm limit monitor 136: Event if...
4834	DOUBLE	8	Alarm limit monitor 136: Set limit
4838	SINGLE	4	Alarm limit monitor 136: Delay
4840	SINGLE	4	Alarm limit monitor 136: Integral action time
4842	SINGLE	4	Alarm limit monitor 136: Hysteresis
4844	WORD	2	Alarm limit monitor 137: MP-ID of the source
4845	BYTE	1	Alarm limit monitor 137: Relational operator
4845	BYTE	1	Alarm limit monitor 137: Event if...
4846	DOUBLE	8	Alarm limit monitor 137: Set limit
4850	SINGLE	4	Alarm limit monitor 137: Delay
4852	SINGLE	4	Alarm limit monitor 137: Integral action time
4854	SINGLE	4	Alarm limit monitor 137: Hysteresis
4856	WORD	2	Alarm limit monitor 138: MP-ID of the source
4857	BYTE	1	Alarm limit monitor 138: Relational operator
4857	BYTE	1	Alarm limit monitor 138: Event if...
4858	DOUBLE	8	Alarm limit monitor 138: Set limit
4862	SINGLE	4	Alarm limit monitor 138: Delay
4864	SINGLE	4	Alarm limit monitor 138: Integral action time
4866	SINGLE	4	Alarm limit monitor 138: Hysteresis
4868	WORD	2	Alarm limit monitor 139: MP-ID of the source

4869	BYTE	1	Alarm limit monitor 139: Relational operator
4869	BYTE	1	Alarm limit monitor 139: Event if...
4870	DOUBLE	8	Alarm limit monitor 139: Set limit
4874	SINGLE	4	Alarm limit monitor 139: Delay
4876	SINGLE	4	Alarm limit monitor 139: Integral action time
4878	SINGLE	4	Alarm limit monitor 139: Hysteresis
4880	WORD	2	Alarm limit monitor 140: MP-ID of the source
4881	BYTE	1	Alarm limit monitor 140: Relational operator
4881	BYTE	1	Alarm limit monitor 140: Event if...
4882	DOUBLE	8	Alarm limit monitor 140: Set limit
4886	SINGLE	4	Alarm limit monitor 140: Delay
4888	SINGLE	4	Alarm limit monitor 140: Integral action time
4890	SINGLE	4	Alarm limit monitor 140: Hysteresis
4892	WORD	2	Alarm limit monitor 141: MP-ID of the source
4893	BYTE	1	Alarm limit monitor 141: Relational operator
4893	BYTE	1	Alarm limit monitor 141: Event if...
4894	DOUBLE	8	Alarm limit monitor 141: Set limit
4898	SINGLE	4	Alarm limit monitor 141: Delay
4900	SINGLE	4	Alarm limit monitor 141: Integral action time
4902	SINGLE	4	Alarm limit monitor 141: Hysteresis
4904	WORD	2	Alarm limit monitor 142: MP-ID of the source
4905	BYTE	1	Alarm limit monitor 142: Relational operator
4905	BYTE	1	Alarm limit monitor 142: Event if...
4906	DOUBLE	8	Alarm limit monitor 142: Set limit
4910	SINGLE	4	Alarm limit monitor 142: Delay
4912	SINGLE	4	Alarm limit monitor 142: Integral action time
4914	SINGLE	4	Alarm limit monitor 142: Hysteresis
4916	WORD	2	Alarm limit monitor 143: MP-ID of the source
4917	BYTE	1	Alarm limit monitor 143: Relational operator
4917	BYTE	1	Alarm limit monitor 143: Event if...
4918	DOUBLE	8	Alarm limit monitor 143: Set limit
4922	SINGLE	4	Alarm limit monitor 143: Delay
4924	SINGLE	4	Alarm limit monitor 143: Integral action time
4926	SINGLE	4	Alarm limit monitor 143: Hysteresis
4928	WORD	2	Alarm limit monitor 144: MP-ID of the source
4929	BYTE	1	Alarm limit monitor 144: Relational operator
4929	BYTE	1	Alarm limit monitor 144: Event if...
4930	DOUBLE	8	Alarm limit monitor 144: Set limit
4934	SINGLE	4	Alarm limit monitor 144: Delay
4936	SINGLE	4	Alarm limit monitor 144: Integral action time
4938	SINGLE	4	Alarm limit monitor 144: Hysteresis
4940	WORD	2	Alarm limit monitor 145: MP-ID of the source
4941	BYTE	1	Alarm limit monitor 145: Relational operator
4941	BYTE	1	Alarm limit monitor 145: Event if...
4942	DOUBLE	8	Alarm limit monitor 145: Set limit
4946	SINGLE	4	Alarm limit monitor 145: Delay
4948	SINGLE	4	Alarm limit monitor 145: Integral action time
4950	SINGLE	4	Alarm limit monitor 145: Hysteresis
4952	WORD	2	Alarm limit monitor 146: MP-ID of the source
4953	BYTE	1	Alarm limit monitor 146: Relational operator
4953	BYTE	1	Alarm limit monitor 146: Event if...
4954	DOUBLE	8	Alarm limit monitor 146: Set limit
4958	SINGLE	4	Alarm limit monitor 146: Delay
4960	SINGLE	4	Alarm limit monitor 146: Integral action time
4962	SINGLE	4	Alarm limit monitor 146: Hysteresis
4964	WORD	2	Alarm limit monitor 147: MP-ID of the source
4965	BYTE	1	Alarm limit monitor 147: Relational operator
4965	BYTE	1	Alarm limit monitor 147: Event if...
4966	DOUBLE	8	Alarm limit monitor 147: Set limit
4970	SINGLE	4	Alarm limit monitor 147: Delay
4972	SINGLE	4	Alarm limit monitor 147: Integral action time
4974	SINGLE	4	Alarm limit monitor 147: Hysteresis
4976	WORD	2	Alarm limit monitor 148: MP-ID of the source
4977	BYTE	1	Alarm limit monitor 148: Relational operator
4977	BYTE	1	Alarm limit monitor 148: Event if...
4978	DOUBLE	8	Alarm limit monitor 148: Set limit
4982	SINGLE	4	Alarm limit monitor 148: Delay
4984	SINGLE	4	Alarm limit monitor 148: Integral action time
4986	SINGLE	4	Alarm limit monitor 148: Hysteresis

4988	WORD	2	Alarm limit monitor 149: MP-ID of the source
4989	BYTE	1	Alarm limit monitor 149: Relational operator
4989	BYTE	1	Alarm limit monitor 149: Event if...
4990	DOUBLE	8	Alarm limit monitor 149: Set limit
4994	SINGLE	4	Alarm limit monitor 149: Delay
4996	SINGLE	4	Alarm limit monitor 149: Integral action time
4998	SINGLE	4	Alarm limit monitor 149: Hysteresis
5000	WORD	2	Alarm limit monitor 150: MP-ID of the source
5001	BYTE	1	Alarm limit monitor 150: Relational operator
5001	BYTE	1	Alarm limit monitor 150: Event if...
5002	DOUBLE	8	Alarm limit monitor 150: Set limit
5006	SINGLE	4	Alarm limit monitor 150: Delay
5008	SINGLE	4	Alarm limit monitor 150: Integral action time
5010	SINGLE	4	Alarm limit monitor 150: Hysteresis
5012	WORD	2	Alarm limit monitor 151: MP-ID of the source
5013	BYTE	1	Alarm limit monitor 151: Relational operator
5013	BYTE	1	Alarm limit monitor 151: Event if...
5014	DOUBLE	8	Alarm limit monitor 151: Set limit
5018	SINGLE	4	Alarm limit monitor 151: Delay
5020	SINGLE	4	Alarm limit monitor 151: Integral action time
5022	SINGLE	4	Alarm limit monitor 151: Hysteresis
5024	WORD	2	Alarm limit monitor 152: MP-ID of the source
5025	BYTE	1	Alarm limit monitor 152: Relational operator
5025	BYTE	1	Alarm limit monitor 152: Event if...
5026	DOUBLE	8	Alarm limit monitor 152: Set limit
5030	SINGLE	4	Alarm limit monitor 152: Delay
5032	SINGLE	4	Alarm limit monitor 152: Integral action time
5034	SINGLE	4	Alarm limit monitor 152: Hysteresis
5036	WORD	2	Alarm limit monitor 153: MP-ID of the source
5037	BYTE	1	Alarm limit monitor 153: Relational operator
5037	BYTE	1	Alarm limit monitor 153: Event if...
5038	DOUBLE	8	Alarm limit monitor 153: Set limit
5042	SINGLE	4	Alarm limit monitor 153: Delay
5044	SINGLE	4	Alarm limit monitor 153: Integral action time
5046	SINGLE	4	Alarm limit monitor 153: Hysteresis
5048	WORD	2	Alarm limit monitor 154: MP-ID of the source
5049	BYTE	1	Alarm limit monitor 154: Relational operator
5049	BYTE	1	Alarm limit monitor 154: Event if...
5050	DOUBLE	8	Alarm limit monitor 154: Set limit
5054	SINGLE	4	Alarm limit monitor 154: Delay
5056	SINGLE	4	Alarm limit monitor 154: Integral action time
5058	SINGLE	4	Alarm limit monitor 154: Hysteresis
5060	WORD	2	Alarm limit monitor 155: MP-ID of the source
5061	BYTE	1	Alarm limit monitor 155: Relational operator
5061	BYTE	1	Alarm limit monitor 155: Event if...
5062	DOUBLE	8	Alarm limit monitor 155: Set limit
5066	SINGLE	4	Alarm limit monitor 155: Delay
5068	SINGLE	4	Alarm limit monitor 155: Integral action time
5070	SINGLE	4	Alarm limit monitor 155: Hysteresis
5072	WORD	2	Alarm limit monitor 156: MP-ID of the source
5073	BYTE	1	Alarm limit monitor 156: Relational operator
5073	BYTE	1	Alarm limit monitor 156: Event if...
5074	DOUBLE	8	Alarm limit monitor 156: Set limit
5078	SINGLE	4	Alarm limit monitor 156: Delay
5080	SINGLE	4	Alarm limit monitor 156: Integral action time
5082	SINGLE	4	Alarm limit monitor 156: Hysteresis
5084	WORD	2	Alarm limit monitor 157: MP-ID of the source
5085	BYTE	1	Alarm limit monitor 157: Relational operator
5085	BYTE	1	Alarm limit monitor 157: Event if...
5086	DOUBLE	8	Alarm limit monitor 157: Set limit
5090	SINGLE	4	Alarm limit monitor 157: Delay
5092	SINGLE	4	Alarm limit monitor 157: Integral action time
5094	SINGLE	4	Alarm limit monitor 157: Hysteresis
5096	WORD	2	Alarm limit monitor 158: MP-ID of the source
5097	BYTE	1	Alarm limit monitor 158: Relational operator
5097	BYTE	1	Alarm limit monitor 158: Event if...
5098	DOUBLE	8	Alarm limit monitor 158: Set limit
5102	SINGLE	4	Alarm limit monitor 158: Delay
5104	SINGLE	4	Alarm limit monitor 158: Integral action time

5106	SINGLE	4	Alarm limit monitor 158: Hysteresis
5108	WORD	2	Alarm limit monitor 159: MP-ID of the source
5109	BYTE	1	Alarm limit monitor 159: Relational operator
5109	BYTE	1	Alarm limit monitor 159: Event if...
5110	DOUBLE	8	Alarm limit monitor 159: Set limit
5114	SINGLE	4	Alarm limit monitor 159: Delay
5116	SINGLE	4	Alarm limit monitor 159: Integral action time
5118	SINGLE	4	Alarm limit monitor 159: Hysteresis
5120	WORD	2	Alarm limit monitor 160: MP-ID of the source
5121	BYTE	1	Alarm limit monitor 160: Relational operator
5121	BYTE	1	Alarm limit monitor 160: Event if...
5122	DOUBLE	8	Alarm limit monitor 160: Set limit
5126	SINGLE	4	Alarm limit monitor 160: Delay
5128	SINGLE	4	Alarm limit monitor 160: Integral action time
5130	SINGLE	4	Alarm limit monitor 160: Hysteresis
5132	WORD	2	Alarm limit monitor 161: MP-ID of the source
5133	BYTE	1	Alarm limit monitor 161: Relational operator
5133	BYTE	1	Alarm limit monitor 161: Event if...
5134	DOUBLE	8	Alarm limit monitor 161: Set limit
5138	SINGLE	4	Alarm limit monitor 161: Delay
5140	SINGLE	4	Alarm limit monitor 161: Integral action time
5142	SINGLE	4	Alarm limit monitor 161: Hysteresis
5144	WORD	2	Alarm limit monitor 162: MP-ID of the source
5145	BYTE	1	Alarm limit monitor 162: Relational operator
5145	BYTE	1	Alarm limit monitor 162: Event if...
5146	DOUBLE	8	Alarm limit monitor 162: Set limit
5150	SINGLE	4	Alarm limit monitor 162: Delay
5152	SINGLE	4	Alarm limit monitor 162: Integral action time
5154	SINGLE	4	Alarm limit monitor 162: Hysteresis
5156	WORD	2	Alarm limit monitor 163: MP-ID of the source
5157	BYTE	1	Alarm limit monitor 163: Relational operator
5157	BYTE	1	Alarm limit monitor 163: Event if...
5158	DOUBLE	8	Alarm limit monitor 163: Set limit
5162	SINGLE	4	Alarm limit monitor 163: Delay
5164	SINGLE	4	Alarm limit monitor 163: Integral action time
5166	SINGLE	4	Alarm limit monitor 163: Hysteresis
5168	WORD	2	Alarm limit monitor 164: MP-ID of the source
5169	BYTE	1	Alarm limit monitor 164: Relational operator
5169	BYTE	1	Alarm limit monitor 164: Event if...
5170	DOUBLE	8	Alarm limit monitor 164: Set limit
5174	SINGLE	4	Alarm limit monitor 164: Delay
5176	SINGLE	4	Alarm limit monitor 164: Integral action time
5178	SINGLE	4	Alarm limit monitor 164: Hysteresis
5180	WORD	2	Alarm limit monitor 165: MP-ID of the source
5181	BYTE	1	Alarm limit monitor 165: Relational operator
5181	BYTE	1	Alarm limit monitor 165: Event if...
5182	DOUBLE	8	Alarm limit monitor 165: Set limit
5186	SINGLE	4	Alarm limit monitor 165: Delay
5188	SINGLE	4	Alarm limit monitor 165: Integral action time
5190	SINGLE	4	Alarm limit monitor 165: Hysteresis
5192	WORD	2	Alarm limit monitor 166: MP-ID of the source
5193	BYTE	1	Alarm limit monitor 166: Relational operator
5193	BYTE	1	Alarm limit monitor 166: Event if...
5194	DOUBLE	8	Alarm limit monitor 166: Set limit
5198	SINGLE	4	Alarm limit monitor 166: Delay
5200	SINGLE	4	Alarm limit monitor 166: Integral action time
5202	SINGLE	4	Alarm limit monitor 166: Hysteresis
5204	WORD	2	Alarm limit monitor 167: MP-ID of the source
5205	BYTE	1	Alarm limit monitor 167: Relational operator
5205	BYTE	1	Alarm limit monitor 167: Event if...
5206	DOUBLE	8	Alarm limit monitor 167: Set limit
5210	SINGLE	4	Alarm limit monitor 167: Delay
5212	SINGLE	4	Alarm limit monitor 167: Integral action time
5214	SINGLE	4	Alarm limit monitor 167: Hysteresis
5216	WORD	2	Alarm limit monitor 168: MP-ID of the source
5217	BYTE	1	Alarm limit monitor 168: Relational operator
5217	BYTE	1	Alarm limit monitor 168: Event if...
5218	DOUBLE	8	Alarm limit monitor 168: Set limit
5222	SINGLE	4	Alarm limit monitor 168: Delay

5224	SINGLE	4	Alarm limit monitor 168: Integral action time
5226	SINGLE	4	Alarm limit monitor 168: Hysteresis
5228	WORD	2	Alarm limit monitor 169: MP-ID of the source
5229	BYTE	1	Alarm limit monitor 169: Relational operator
5229	BYTE	1	Alarm limit monitor 169: Event if...
5230	DOUBLE	8	Alarm limit monitor 169: Set limit
5234	SINGLE	4	Alarm limit monitor 169: Delay
5236	SINGLE	4	Alarm limit monitor 169: Integral action time
5238	SINGLE	4	Alarm limit monitor 169: Hysteresis
5240	WORD	2	Alarm limit monitor 170: MP-ID of the source
5241	BYTE	1	Alarm limit monitor 170: Relational operator
5241	BYTE	1	Alarm limit monitor 170: Event if...
5242	DOUBLE	8	Alarm limit monitor 170: Set limit
5246	SINGLE	4	Alarm limit monitor 170: Delay
5248	SINGLE	4	Alarm limit monitor 170: Integral action time
5250	SINGLE	4	Alarm limit monitor 170: Hysteresis
5252	WORD	2	Alarm limit monitor 171: MP-ID of the source
5253	BYTE	1	Alarm limit monitor 171: Relational operator
5253	BYTE	1	Alarm limit monitor 171: Event if...
5254	DOUBLE	8	Alarm limit monitor 171: Set limit
5258	SINGLE	4	Alarm limit monitor 171: Delay
5260	SINGLE	4	Alarm limit monitor 171: Integral action time
5262	SINGLE	4	Alarm limit monitor 171: Hysteresis
5264	WORD	2	Alarm limit monitor 172: MP-ID of the source
5265	BYTE	1	Alarm limit monitor 172: Relational operator
5265	BYTE	1	Alarm limit monitor 172: Event if...
5266	DOUBLE	8	Alarm limit monitor 172: Set limit
5270	SINGLE	4	Alarm limit monitor 172: Delay
5272	SINGLE	4	Alarm limit monitor 172: Integral action time
5274	SINGLE	4	Alarm limit monitor 172: Hysteresis
5276	WORD	2	Alarm limit monitor 173: MP-ID of the source
5277	BYTE	1	Alarm limit monitor 173: Relational operator
5277	BYTE	1	Alarm limit monitor 173: Event if...
5278	DOUBLE	8	Alarm limit monitor 173: Set limit
5282	SINGLE	4	Alarm limit monitor 173: Delay
5284	SINGLE	4	Alarm limit monitor 173: Integral action time
5286	SINGLE	4	Alarm limit monitor 173: Hysteresis
5288	WORD	2	Alarm limit monitor 174: MP-ID of the source
5289	BYTE	1	Alarm limit monitor 174: Relational operator
5289	BYTE	1	Alarm limit monitor 174: Event if...
5290	DOUBLE	8	Alarm limit monitor 174: Set limit
5294	SINGLE	4	Alarm limit monitor 174: Delay
5296	SINGLE	4	Alarm limit monitor 174: Integral action time
5298	SINGLE	4	Alarm limit monitor 174: Hysteresis
5300	WORD	2	Alarm limit monitor 175: MP-ID of the source
5301	BYTE	1	Alarm limit monitor 175: Relational operator
5301	BYTE	1	Alarm limit monitor 175: Event if...
5302	DOUBLE	8	Alarm limit monitor 175: Set limit
5306	SINGLE	4	Alarm limit monitor 175: Delay
5308	SINGLE	4	Alarm limit monitor 175: Integral action time
5310	SINGLE	4	Alarm limit monitor 175: Hysteresis
5312	WORD	2	Alarm limit monitor 176: MP-ID of the source
5313	BYTE	1	Alarm limit monitor 176: Relational operator
5313	BYTE	1	Alarm limit monitor 176: Event if...
5314	DOUBLE	8	Alarm limit monitor 176: Set limit
5318	SINGLE	4	Alarm limit monitor 176: Delay
5320	SINGLE	4	Alarm limit monitor 176: Integral action time
5322	SINGLE	4	Alarm limit monitor 176: Hysteresis
5324	WORD	2	Alarm limit monitor 177: MP-ID of the source
5325	BYTE	1	Alarm limit monitor 177: Relational operator
5325	BYTE	1	Alarm limit monitor 177: Event if...
5326	DOUBLE	8	Alarm limit monitor 177: Set limit
5330	SINGLE	4	Alarm limit monitor 177: Delay
5332	SINGLE	4	Alarm limit monitor 177: Integral action time
5334	SINGLE	4	Alarm limit monitor 177: Hysteresis
5336	WORD	2	Alarm limit monitor 178: MP-ID of the source
5337	BYTE	1	Alarm limit monitor 178: Relational operator
5337	BYTE	1	Alarm limit monitor 178: Event if...
5338	DOUBLE	8	Alarm limit monitor 178: Set limit

5342	SINGLE	4	Alarm limit monitor 178: Delay
5344	SINGLE	4	Alarm limit monitor 178: Integral action time
5346	SINGLE	4	Alarm limit monitor 178: Hysteresis
5348	WORD	2	Alarm limit monitor 179: MP-ID of the source
5349	BYTE	1	Alarm limit monitor 179: Relational operator
5349	BYTE	1	Alarm limit monitor 179: Event if...
5350	DOUBLE	8	Alarm limit monitor 179: Set limit
5354	SINGLE	4	Alarm limit monitor 179: Delay
5356	SINGLE	4	Alarm limit monitor 179: Integral action time
5358	SINGLE	4	Alarm limit monitor 179: Hysteresis
5360	WORD	2	Alarm limit monitor 180: MP-ID of the source
5361	BYTE	1	Alarm limit monitor 180: Relational operator
5361	BYTE	1	Alarm limit monitor 180: Event if...
5362	DOUBLE	8	Alarm limit monitor 180: Set limit
5366	SINGLE	4	Alarm limit monitor 180: Delay
5368	SINGLE	4	Alarm limit monitor 180: Integral action time
5370	SINGLE	4	Alarm limit monitor 180: Hysteresis
5372	WORD	2	Alarm limit monitor 181: MP-ID of the source
5373	BYTE	1	Alarm limit monitor 181: Relational operator
5373	BYTE	1	Alarm limit monitor 181: Event if...
5374	DOUBLE	8	Alarm limit monitor 181: Set limit
5378	SINGLE	4	Alarm limit monitor 181: Delay
5380	SINGLE	4	Alarm limit monitor 181: Integral action time
5382	SINGLE	4	Alarm limit monitor 181: Hysteresis
5384	WORD	2	Alarm limit monitor 182: MP-ID of the source
5385	BYTE	1	Alarm limit monitor 182: Relational operator
5385	BYTE	1	Alarm limit monitor 182: Event if...
5386	DOUBLE	8	Alarm limit monitor 182: Set limit
5390	SINGLE	4	Alarm limit monitor 182: Delay
5392	SINGLE	4	Alarm limit monitor 182: Integral action time
5394	SINGLE	4	Alarm limit monitor 182: Hysteresis
5396	WORD	2	Alarm limit monitor 183: MP-ID of the source
5397	BYTE	1	Alarm limit monitor 183: Relational operator
5397	BYTE	1	Alarm limit monitor 183: Event if...
5398	DOUBLE	8	Alarm limit monitor 183: Set limit
5402	SINGLE	4	Alarm limit monitor 183: Delay
5404	SINGLE	4	Alarm limit monitor 183: Integral action time
5406	SINGLE	4	Alarm limit monitor 183: Hysteresis
5408	WORD	2	Alarm limit monitor 184: MP-ID of the source
5409	BYTE	1	Alarm limit monitor 184: Relational operator
5409	BYTE	1	Alarm limit monitor 184: Event if...
5410	DOUBLE	8	Alarm limit monitor 184: Set limit
5414	SINGLE	4	Alarm limit monitor 184: Delay
5416	SINGLE	4	Alarm limit monitor 184: Integral action time
5418	SINGLE	4	Alarm limit monitor 184: Hysteresis
5420	WORD	2	Alarm limit monitor 185: MP-ID of the source
5421	BYTE	1	Alarm limit monitor 185: Relational operator
5421	BYTE	1	Alarm limit monitor 185: Event if...
5422	DOUBLE	8	Alarm limit monitor 185: Set limit
5426	SINGLE	4	Alarm limit monitor 185: Delay
5428	SINGLE	4	Alarm limit monitor 185: Integral action time
5430	SINGLE	4	Alarm limit monitor 185: Hysteresis
5432	WORD	2	Alarm limit monitor 186: MP-ID of the source
5433	BYTE	1	Alarm limit monitor 186: Relational operator
5433	BYTE	1	Alarm limit monitor 186: Event if...
5434	DOUBLE	8	Alarm limit monitor 186: Set limit
5438	SINGLE	4	Alarm limit monitor 186: Delay
5440	SINGLE	4	Alarm limit monitor 186: Integral action time
5442	SINGLE	4	Alarm limit monitor 186: Hysteresis
5444	WORD	2	Alarm limit monitor 187: MP-ID of the source
5445	BYTE	1	Alarm limit monitor 187: Relational operator
5445	BYTE	1	Alarm limit monitor 187: Event if...
5446	DOUBLE	8	Alarm limit monitor 187: Set limit
5450	SINGLE	4	Alarm limit monitor 187: Delay
5452	SINGLE	4	Alarm limit monitor 187: Integral action time
5454	SINGLE	4	Alarm limit monitor 187: Hysteresis
5456	WORD	2	Alarm limit monitor 188: MP-ID of the source
5457	BYTE	1	Alarm limit monitor 188: Relational operator
5457	BYTE	1	Alarm limit monitor 188: Event if...

5458	DOUBLE	8	Alarm limit monitor 188: Set limit
5462	SINGLE	4	Alarm limit monitor 188: Delay
5464	SINGLE	4	Alarm limit monitor 188: Integral action time
5466	SINGLE	4	Alarm limit monitor 188: Hysteresis
5468	WORD	2	Alarm limit monitor 189: MP-ID of the source
5469	BYTE	1	Alarm limit monitor 189: Relational operator
5469	BYTE	1	Alarm limit monitor 189: Event if...
5470	DOUBLE	8	Alarm limit monitor 189: Set limit
5474	SINGLE	4	Alarm limit monitor 189: Delay
5476	SINGLE	4	Alarm limit monitor 189: Integral action time
5478	SINGLE	4	Alarm limit monitor 189: Hysteresis
5480	WORD	2	Alarm limit monitor 190: MP-ID of the source
5481	BYTE	1	Alarm limit monitor 190: Relational operator
5481	BYTE	1	Alarm limit monitor 190: Event if...
5482	DOUBLE	8	Alarm limit monitor 190: Set limit
5486	SINGLE	4	Alarm limit monitor 190: Delay
5488	SINGLE	4	Alarm limit monitor 190: Integral action time
5490	SINGLE	4	Alarm limit monitor 190: Hysteresis
5492	WORD	2	Alarm limit monitor 191: MP-ID of the source
5493	BYTE	1	Alarm limit monitor 191: Relational operator
5493	BYTE	1	Alarm limit monitor 191: Event if...
5494	DOUBLE	8	Alarm limit monitor 191: Set limit
5498	SINGLE	4	Alarm limit monitor 191: Delay
5500	SINGLE	4	Alarm limit monitor 191: Integral action time
5502	SINGLE	4	Alarm limit monitor 191: Hysteresis
5504	WORD	2	Alarm limit monitor 192: MP-ID of the source
5505	BYTE	1	Alarm limit monitor 192: Relational operator
5505	BYTE	1	Alarm limit monitor 192: Event if...
5506	DOUBLE	8	Alarm limit monitor 192: Set limit
5510	SINGLE	4	Alarm limit monitor 192: Delay
5512	SINGLE	4	Alarm limit monitor 192: Integral action time
5514	SINGLE	4	Alarm limit monitor 192: Hysteresis
5516	WORD	2	Alarm limit monitor 193: MP-ID of the source
5517	BYTE	1	Alarm limit monitor 193: Relational operator
5517	BYTE	1	Alarm limit monitor 193: Event if...
5518	DOUBLE	8	Alarm limit monitor 193: Set limit
5522	SINGLE	4	Alarm limit monitor 193: Delay
5524	SINGLE	4	Alarm limit monitor 193: Integral action time
5526	SINGLE	4	Alarm limit monitor 193: Hysteresis
5528	WORD	2	Alarm limit monitor 194: MP-ID of the source
5529	BYTE	1	Alarm limit monitor 194: Relational operator
5529	BYTE	1	Alarm limit monitor 194: Event if...
5530	DOUBLE	8	Alarm limit monitor 194: Set limit
5534	SINGLE	4	Alarm limit monitor 194: Delay
5536	SINGLE	4	Alarm limit monitor 194: Integral action time
5538	SINGLE	4	Alarm limit monitor 194: Hysteresis
5540	WORD	2	Alarm limit monitor 195: MP-ID of the source
5541	BYTE	1	Alarm limit monitor 195: Relational operator
5541	BYTE	1	Alarm limit monitor 195: Event if...
5542	DOUBLE	8	Alarm limit monitor 195: Set limit
5546	SINGLE	4	Alarm limit monitor 195: Delay
5548	SINGLE	4	Alarm limit monitor 195: Integral action time
5550	SINGLE	4	Alarm limit monitor 195: Hysteresis
5552	WORD	2	Alarm limit monitor 196: MP-ID of the source
5553	BYTE	1	Alarm limit monitor 196: Relational operator
5553	BYTE	1	Alarm limit monitor 196: Event if...
5554	DOUBLE	8	Alarm limit monitor 196: Set limit
5558	SINGLE	4	Alarm limit monitor 196: Delay
5560	SINGLE	4	Alarm limit monitor 196: Integral action time
5562	SINGLE	4	Alarm limit monitor 196: Hysteresis
5564	WORD	2	Alarm limit monitor 197: MP-ID of the source
5565	BYTE	1	Alarm limit monitor 197: Relational operator
5565	BYTE	1	Alarm limit monitor 197: Event if...
5566	DOUBLE	8	Alarm limit monitor 197: Set limit
5570	SINGLE	4	Alarm limit monitor 197: Delay
5572	SINGLE	4	Alarm limit monitor 197: Integral action time
5574	SINGLE	4	Alarm limit monitor 197: Hysteresis
5576	WORD	2	Alarm limit monitor 198: MP-ID of the source
5577	BYTE	1	Alarm limit monitor 198: Relational operator

5577	BYTE	1	Alarm limit monitor 198: Event if...
5578	DOUBLE	8	Alarm limit monitor 198: Set limit
5582	SINGLE	4	Alarm limit monitor 198: Delay
5584	SINGLE	4	Alarm limit monitor 198: Integral action time
5586	SINGLE	4	Alarm limit monitor 198: Hysteresis
5588	WORD	2	Alarm limit monitor 199: MP-ID of the source
5589	BYTE	1	Alarm limit monitor 199: Relational operator
5589	BYTE	1	Alarm limit monitor 199: Event if...
5590	DOUBLE	8	Alarm limit monitor 199: Set limit
5594	SINGLE	4	Alarm limit monitor 199: Delay
5596	SINGLE	4	Alarm limit monitor 199: Integral action time
5598	SINGLE	4	Alarm limit monitor 199: Hysteresis
Alarm flags			
51304	BOOL	2	Internal error
51305	BOOL	2	Time server not accessible
51306	BOOL	2	No name server accessible
51309	BOOL	2	Temperature probe defective or not connected
51310	BOOL	2	No pulse at S0 pulse input in expected interval
51311	BOOL	2	E-mail transmission unsuccessful
51312	BOOL	2	Calibration data missing
51313	BOOL	2	Overflow at pulse output 1
51314	BOOL	2	Overflow at pulse output 2
51404	BOOL	2	Trend power > target power
51405	BOOL	2	Cumulative power > target power
Names of alarms of type E_LIMITEXCEEDING ID 100..199			
45900	STRING	56	Name of alarm ID 100
45940	STRING	56	Name of alarm ID 101
45980	STRING	56	Name of alarm ID 102
46020	STRING	56	Name of alarm ID 103
46060	STRING	56	Name of alarm ID 104
46100	STRING	56	Name of alarm ID 105
46140	STRING	56	Name of alarm ID 106
46180	STRING	56	Name of alarm ID 107
46220	STRING	56	Name of alarm ID 108
46260	STRING	56	Name of alarm ID 109
46300	STRING	56	Name of alarm ID 110
46340	STRING	56	Name of alarm ID 111
46380	STRING	56	Name of alarm ID 112
46420	STRING	56	Name of alarm ID 113
46460	STRING	56	Name of alarm ID 114
46500	STRING	56	Name of alarm ID 115
46540	STRING	56	Name of alarm ID 116
46580	STRING	56	Name of alarm ID 117
46620	STRING	56	Name of alarm ID 118
46660	STRING	56	Name of alarm ID 119
46700	STRING	56	Name of alarm ID 120
46740	STRING	56	Name of alarm ID 121
46780	STRING	56	Name of alarm ID 122
46820	STRING	56	Name of alarm ID 123
46860	STRING	56	Name of alarm ID 124
46900	STRING	56	Name of alarm ID 125
46940	STRING	56	Name of alarm ID 126
46980	STRING	56	Name of alarm ID 127
47020	STRING	56	Name of alarm ID 128
47060	STRING	56	Name of alarm ID 129
47100	STRING	56	Name of alarm ID 130
47140	STRING	56	Name of alarm ID 131
47180	STRING	56	Name of alarm ID 132
47220	STRING	56	Name of alarm ID 133
47260	STRING	56	Name of alarm ID 134
47300	STRING	56	Name of alarm ID 135
47340	STRING	56	Name of alarm ID 136
47380	STRING	56	Name of alarm ID 137
47420	STRING	56	Name of alarm ID 138
47460	STRING	56	Name of alarm ID 139
47500	STRING	56	Name of alarm ID 140
47540	STRING	56	Name of alarm ID 141
47580	STRING	56	Name of alarm ID 142

47620	STRING	56	Name of alarm ID 143
47660	STRING	56	Name of alarm ID 144
47700	STRING	56	Name of alarm ID 145
47740	STRING	56	Name of alarm ID 146
47780	STRING	56	Name of alarm ID 147
47820	STRING	56	Name of alarm ID 148
47860	STRING	56	Name of alarm ID 149
47900	STRING	56	Name of alarm ID 150
47940	STRING	56	Name of alarm ID 151
47980	STRING	56	Name of alarm ID 152
48020	STRING	56	Name of alarm ID 153
48060	STRING	56	Name of alarm ID 154
48100	STRING	56	Name of alarm ID 155
48140	STRING	56	Name of alarm ID 156
48180	STRING	56	Name of alarm ID 157
48220	STRING	56	Name of alarm ID 158
48260	STRING	56	Name of alarm ID 159
48300	STRING	56	Name of alarm ID 160
48340	STRING	56	Name of alarm ID 161
48380	STRING	56	Name of alarm ID 162
48420	STRING	56	Name of alarm ID 163
48460	STRING	56	Name of alarm ID 164
48500	STRING	56	Name of alarm ID 165
48540	STRING	56	Name of alarm ID 166
48580	STRING	56	Name of alarm ID 167
48620	STRING	56	Name of alarm ID 168
48660	STRING	56	Name of alarm ID 169
48700	STRING	56	Name of alarm ID 170
48740	STRING	56	Name of alarm ID 171
48780	STRING	56	Name of alarm ID 172
48820	STRING	56	Name of alarm ID 173
48860	STRING	56	Name of alarm ID 174
48900	STRING	56	Name of alarm ID 175
48940	STRING	56	Name of alarm ID 176
48980	STRING	56	Name of alarm ID 177
49020	STRING	56	Name of alarm ID 178
49060	STRING	56	Name of alarm ID 179
49100	STRING	56	Name of alarm ID 180
49140	STRING	56	Name of alarm ID 181
49180	STRING	56	Name of alarm ID 182
49220	STRING	56	Name of alarm ID 183
49260	STRING	56	Name of alarm ID 184
49300	STRING	56	Name of alarm ID 185
49340	STRING	56	Name of alarm ID 186
49380	STRING	56	Name of alarm ID 187
49420	STRING	56	Name of alarm ID 188
49460	STRING	56	Name of alarm ID 189
49500	STRING	56	Name of alarm ID 190
49540	STRING	56	Name of alarm ID 191
49580	STRING	56	Name of alarm ID 192
49620	STRING	56	Name of alarm ID 193
49660	STRING	56	Name of alarm ID 194
49700	STRING	56	Name of alarm ID 195
49740	STRING	56	Name of alarm ID 196
49780	STRING	56	Name of alarm ID 197
49820	STRING	56	Name of alarm ID 198
49860	STRING	56	Name of alarm ID 199

Notes:

All times are UTC times in seconds since 1980.

The units for power are kW, kvar and kVA.

The units for the average and maximum values of harmonics depend on the configuration of the instrument.

The way in which the harmonics are quantified can be read at address 51212:

0 = fundamental: the figure is a percentage of the fundamental.

1 = RMS: the figure is a percentage of the root-mean-square value.

2 = absolute: the figure is an absolute value in V or A.

The momentary values of those harmonics marked with ' (abs.) ' are always absolute and given in the units V or A.