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Energy Analyser

UMG 96-EL

from Firmware Version 1.1.0

Modbus address list and Formulary

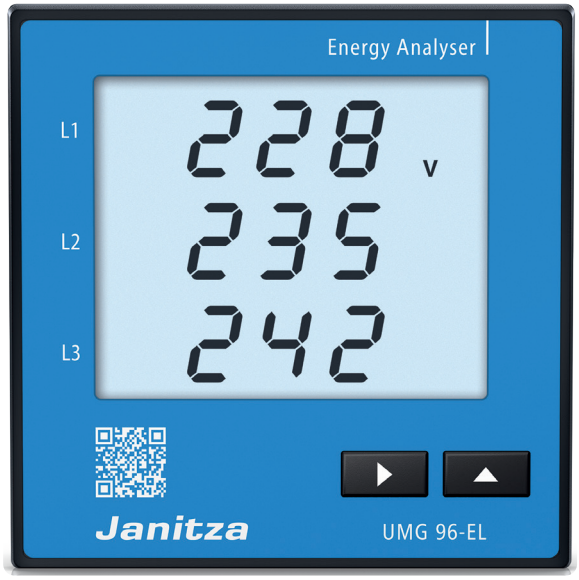


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Janitza electronics GmbH
Vor dem Polstück 6
35633 Lahnau | Germany
Support +49 6441 9642-22
info@janitza.com | www.janitza.com

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Vor dem Polstück 6
D35633 Lahnau
Germany

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Definitions

Update rate

The modbus register addresses are updated every 200 ms.

Byte sequence

The data in the modbus address list can be called up in the

- Big-Endian (high-Byte before low-Byte) and in the
- Little-Endian (low-byte before high-byte)

format.
The addresses described in this address list supply the data in the „Big-Endian“ format.
If you require the data in the „Little-Endian“ format, you must add the value 32768 to the address.

Fourier analysis

Fourier analysis is used to determine the proportion of harmonics in the overall signal.

Frequency	Harmonic order
50 / 60 Hz	1st harmonic or fundamental oscillation, abbreviated as „fund.“
100 /120 Hz	2nd harmonic
150 / 180 Hz	3rd harmonic
200 / 240 Hz	4th harmonic
250 / 300 Hz	5th harmonic, etc.

Symbols and definitions

Symbol	Definition
N	Total number of sample points per period (for example, in a period of 20 ms)
k	Sample value or number of samples per period (0 <= k < N)
p	Number or identification of the phase conductor (p = 1, 2 or 3)
i_{pk}	Sample value k of the current of the phase conductor p
u_{pNk}	Sample value k of the neutral voltage of the phase conductor p
P_p	Real power of the phase conductor p The index 0 indicates the fundamental oscillation, e.g. P01= active power of the fundamental oscillation in L1
Fund.	fundamental oscillation
Psum3	= P1+P2+P3
short (x10) (x100) (x1000)	The measured values have been multiplied by the specified factor in order to make better use of the short number format. Values in x100 must therefore still be divided by 100.

Tab. Symbol explanation

Number formats

- Measured values in the **short format** do **not** take into account the set transformer ratio, i.e. these measured values have to be multiplied by the corresponding transformer factor!
- Measured values in **float or integer format** take into account the corresponding transformer factors!

Type	Size	Minimum	Maximum
char	8 bit	0	255
byte	8 bit	-128	127
short	16 bit	-2^{15}	2^{15} -1
ushort	16 bit	0	2^{16} -1
int	32 bit	-2^{31}	2^{31} -1
uint	32 bit	0	2^{32} -1
long	64 bit	-2^{63}	2^{63} -1
ulong	64 bit	0	2^{64} -1
float	32 bit	IEEE 754	IEEE 754
double	64 bit	IEEE 754	IEEE 754

Tab. Number formats

Explanations of the measured values

Measured value

- A measured value is a effective value which is formed over a period (measuring window) of 200ms.
- A measuring window is 10 periods in the 50 Hz network and 12 periods in the 60 Hz network.
- A measuring window has a start time and an end time.
- The resolution between the start time and end time is approximately 2 ns.
- The accuracy of the start time and end time depends on the accuracy of the internal clock. (typeically +- 1 minute/month)
- In order to improve the accuracy of the internal clock, it is recommended that the clock in the device is compared with a time service and reset.

Mean value of measured value

- For each measured value, a sliding mean value is calculated over the selected averaging time.
- The mean value is calculated every 200 ms.
- You can take the possible averaging times from the table.

n	Mean time / seconds
0	5
1	10
2	15
3	30
4	60
5	300
6	480
7	600
8	900

Max. value of measured value

- The ***max. value of the measured value*** is the largest measured value which has occurred since the last deletion.

Min. value of measured value

- The ***min. value of the measured value*** is the lowest measured value which has occurred since the last deletion.

Max. value of mean value

- The ***max. value of the mean value*** is the largest mean value which has occurred since the last deletion.

Nominal current, voltage, frequency

- The limit values for events and transients are set by the nominal value in percentage.

Nominal current I_{rated}

- The Irated is the nominal current of the transformers and is required for calculation of the K-factor.

Peak value negative

- Highest negative sampling value from the last 200 ms measuring window..

Peak value positive

- Highest positive sampling value from the last 200 ms measuring window.

Crest factor

- The crest factor describes the relation between the peak value and effective value of a periodic quantity. It serves as a characteristic value for general description of the curve form of a periodic quantity. The distortion factor is another example of a quantity for characterization of the difference from the pure sinusoidal form.
- Example: *A sinusoidal change voltage with an effective value of 230 V has a peak value of approx. 325 V.* The crest factor is then 325 V / 230 V =1.414 .

Effective value of the current for phase conductor p

$$I_p = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} i_{p_k}^{\,2}}$$

Effective value of neutral conductor current

$$I_N = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (i_{1_k} + i_{2_k} + i_{3_k})^2}$$

Effective voltage L-N

$$U_{pN} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} u_{pN_k}^{\,2}}$$

Effective voltage L-L

$$U_{pg} = \sqrt{\frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{gN_k} - u_{pN_k})^2}$$

Star connection voltage (vectorial)

$$U_{Star\ connection\ voltage} = U_{1_{rms}} + U_{2_{rms}} + U_{3_{rms}}$$

Real power for phase conductor

$$P_p = \frac{1}{N} \cdot \sum_{k=0}^{N-1} (u_{pN_k} \times i_{p_k})$$

Apparent power for phase conductor

- Unsigned

$$S_p = U_{pN} \cdot I_p$$

Total apparent power (arithmetic) Sa

- Unsigned

$$S_A = S_1 + S_2 + S_3$$

Peak demand P_{max}

- T = Periodic time
- tn = n-th interval time
- Pn = n-th Power measurement value
- N = Number of measuring intervals in the period T

$$P_{max} = \max\left(P_{max}; \frac{1}{T} \sum_{n=1}^{N} (t_n \cdot P_n)\right)$$

THD

- THD (Total Harmonic Distortion) is the distortion factor and provides the relation of the harmonic parts of an oscillation to the mains frequency.
- M = Upper limit of the evaluated harmonics

Distortion factor THD (U) for the voltage

- M = 40 (UMG 96-EL)
- fund corresponds to n=1

$$THD_U = \frac{1}{|U_{fund}|}\sqrt{\sum_{n=2}^{M}|U_{n.Harm}|^2}$$

Distortion factor THD (I) for the current

- M = 40 (UMG 96-EL)
- fund corresponds to n=1

$$THD_I = \frac{1}{|I_{fund}|}\sqrt{\sum_{n=2}^{M}|I_{n.Harm}|^2}$$

TDD (I)

- TDD Total demand distortion, harmonic current distortion in % of maximum demand load current
- IL = Maximum demand load current
- M = 40 (UMG 96-EL)

$$TDD = \frac{1}{I_L}\sqrt{\sum_{n=2}^{M} I_n^2} \times 100\%$$

Ripple control signal U (EN61000-4-30)

The ripple control signal U is a voltage (200 ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3 kHz are observed.

Ripple control signal I

The ripple control signal I is a current (200 ms measured value) which is measured at a carrier frequency specified by the user. Only frequencies beneath 3 kHz are observed.

Positive sequence-negative sequence-zero sequence

- The extent of a voltage or current imbalance in a three-phase system is identified using the positive sequence, negative sequence and zero sequence components.
- The balance of the rotation current system strived for in normal operation is disturbed by the unsymmetrical loads, errors and equipment.
- A three-phase system is called symmetric, when the three phase conductor voltages and currents are the same size and are displaced against each other by 120°. If one or both conditions are not fulfilled, the system is described as unsymmetrical. By calculating the symmetrical components consisting of the positive sequence, negative sequence and zero sequence, the simplified analysis of an imbalanced error is possible in a rotary current system..
- Imbalance is a feature of the network quality for the limits specified in international norms (EN 50160 for example).

Positive sequence

$$U_{Mit} = \frac{1}{3}\left|U_{L1,fund} + U_{L2,fund} \cdot e^{j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{j\frac{4\pi}{3}}\right|$$

Negative sequence

$$U_{Geg} = \frac{1}{3}\left|U_{L1,fund} + U_{L2,fund} \cdot e^{-j\frac{2\pi}{3}} + U_{L3,fund} \cdot e^{-j\frac{4\pi}{3}}\right|$$

Zero sequence

$$U_{zero} = \frac{1}{3}\left|U_{L1,fund} + U_{L2,fund} + U_{L3,fund}\right|$$

A zero component can only occur if a sum current can flow back through the main conductor.

Voltage imbalance

$$Voltage\ imbalance = \frac{U_{Geg}}{U_{Mit}}$$

Under difference U (IEC 61000-4-30)

$$U_{under} = \frac{U_{din} - \sqrt{\frac{\sum_{i=1}^{n} U_{rms-under,i}^2}{n}}}{U_{din}}\left[\%\right]$$

Under difference I

$$I_{under} = \frac{I_{Nominal\ current} - \sqrt{\frac{\sum_{i=1}^{n} I_{rms-under,i}^2}{n}}}{I_{Nominal\ current}}\left[\%\right]$$

K-factor

- The K-factor describes the increase of the eddy current losses when loaded with harmonics. For a sinusoidal load on the transformer, the K-factor =1. The larger the K-factor, the heavier a transformer can be loaded with harmonics without overheating.

Power Factor (vectorial) - Lambda

- The power factor is unsigned.

$$PF_x = \frac{|P_x|}{S_x}$$

x = L1, L2, L3, L4

Cos(ϕ) - Fundamental Power Factor

- Only the mains frequency part is used for calculation of the cos(ϕ).
- Cos(ϕ) sign:
  - = for the supply of real power
  + = for obtaining real power

$$PF_1 = \cos(\varphi) = \frac{P_1}{S_1}$$

Cos(ϕ) total

- Cos(ϕ) sign:
  - = for the supply of real power
  + = for obtaining real power

$$\cos(\varphi)_{Sum_3} = \frac{P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}}}{\sqrt{(P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}})^2 + (Q_{1_{fund}} + Q_{2_{fund}} + Q_{3_{fund}})^2}}$$

$$\cos(\varphi)_{Sum_4} = \frac{P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}} + P_{4_{fund}}}{\sqrt{(P_{1_{fund}} + P_{2_{fund}} + P_{3_{fund}} + P_{4_{fund}})^2 + (Q_{1_{fund}} + Q_{2_{fund}} + Q_{3_{fund}} + Q_{4_{fund}})^2}}$$

Phase Angle ϕ

- The phase angle between current and voltage of the external conductor p is calculated according to DIN EN 61557-12 and displayed.
- The sign of the phase angle corresponding to the sign of the reactive power.

Mains frequency reactive power

The mains frequency reactive power is the power factor of the mains frequency and is calculated using the fourier analysis (FFT). Voltage and current do not have to be sinusoidal. All in the device calculated reactive power are resulting of fundamental reactive power.

Reactive power sign

- Sign Q = +1 for ϕ in the range 0° .. 180° (inductive)
- Sign Q = -1 for ϕ in the range 180° .. 360° (capacitive)

$$Sign\ Q(\varphi_p) = +1 \ if \ \ \varphi_p \in [0° - 180°]$$

$$Sign\ Q(\varphi_p) = -1 \ if \ \ \varphi_p \in [180° - 360°]$$

Reactive power for phase conductor p

- Reactive power of the mains frequency.

$$Q_{fund\,p} = \ Sign\ Q(\varphi_p) \cdot \sqrt{S_{fund\,p}^{\ 2} - P_{fund\,p}^{\ 2}}$$

Total reactive power

- Reactive power of the mains frequency.

$$Q_V = Q_1 + Q_2 + Q_3$$

Distortion power factor

- The distortion power factor is the power factor of all mains frequencies and is calculated using the fourier analysis (FFT).

$$D = \sqrt{S^2 - P^2 - Q_{fund}^2}$$

- The apparent power „S" contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- The effective power „P" contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- M = 40 (UMG 96-EL)

Reactive energy per phase

$$E_{r_{L1}} = \int Q_{L1}(t) \cdot \Delta t$$

Reactive energy per phase, inductive

$$E_{r(ind)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \qquad \text{for } Q_{L1}(t) > 0$$

Reactive energy per phase, capazitive

$$E_{r(cap)_{L1}} = \int Q_{L1}(t) \cdot \Delta t \qquad \text{for } Q_{L1}(t) < 0$$

Reactive energy, sum L1-L3

$$E_{r_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

Reactive energy, sum L1-L3, inductive

$$E_{r(ind)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

for $(Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) > 0$

Reactive energy, sum L1-L3, capazitive

$$E_{r(cap)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

for $(Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) < 0$

Modbus functions

The measuring device supports the following Modbus functions as a slave:

03 Read Holding Registers

Reads the binary contents of holding registers (4X references) in the slave.

04 Read Input Registers

Reads the binary contents of input registers (3X references) in the slave.

06 Preset Single Register

Presets a value into a single holding register (4X reference). When broadcast, the function presets the same register reference in all attached slaves.

16 (10Hex) Preset Multiple Registers

Presets values into a sequence of holding registers (4X references). When broadcast, the function presets the same register references in all attached slaves.

23 (17Hex) Read/Write 4X Registers

Performs a combination of one read and one write operation in a single Modbus transaction. The function can write new contents to a group of 4XXXX registers, and then return the contents of another group of 4XXXX registers. Broadcast is not supported.

Adresses UMG 96-EL

Address	Type	Access Right	Description	Unit	Min	Max	Default
Configuration parameters							
10	float	RD/WR	Current transformer I1, primary	A	0	1000000	5
12	float	RD/WR	Current transformer I1, sec	A	1	5	5
14	float	RD/WR	Voltage transformer V1, primary	V	0	1000000	400
16	float	RD/WR	Voltage transformer V1, sec.	V	100	400	400
18	float	RD/WR	Current transformer I2, primary	A	0	1000000	5
20	float	RD/WR	Current transformer I2, sec	A	1	5	5
22	float	RD/WR	Voltage transformer V2, primary	V	0	1000000	400
24	float	RD/WR	Voltage transformer V2, sec.	V	100	400	400
26	float	RD/WR	Current transformer I3, primary	A	0	1000000	5
28	float	RD/WR	Current transformer I3, sec	A	1	5	5
30	float	RD/WR	Voltage transformer V3, primary	V	0	1000000	400
32	float	RD/WR	Voltage transformer V3, sec.	V	100	400	400
34	ushort	RD/WR	Frequency determination 0=Auto, 45..65=Hz	Hz	0	65	0
35	short	RD/WR	Display contrast 0 (low), 9 (high)		0	9	5
36	short	RD/WR	Background lighting 0 (dark), 9 (bright)		0	9	6
37	short	RD/WR	Display profile: 0= standard displays, 1= all displays		0	1	0
38	short	RD/WR	Display change profile: 0= standard, 1= max., 2= minimum no. of displays		0	2	0
39	short	RD/WR	Changeover time for measured value displays	s	0	60	0
40	short	RD/WR	Averaging time, I: 0 = 5 s, 1 = 10 s, 2 = 15 s, 3 = 30 s, 4 = 1 min, 5 = 5 min, 6 = 8 min, 7 = 10 min, 8 = 15 min		0	8	6
41	short	RD/WR	Averaging time, P: 0 = 5 s, 1 = 10 s, 2 = 15 s, 3 = 30 s, 4 = 1 min, 5 = 5 min, 6 = 8 min, 7 = 10 min, 8 = 15 min		0	8	6
42	short	RD/WR	Averaging time, U: 0 = 5 s, 1 = 10 s, 2 = 15 s, 3 = 30 s, 4 = 1 min, 5 = 5 min, 6 = 8 min, 7 = 10 min, 8 = 15 min		0	8	6
43	float	RD/WR	Nominal current TDD	A	0	1000000	150
45	ushort	RD/WR	Minimum response current (displays shows zero below this threshold)	mA	0	200	5
50	short	RD/WR	Password		0	999	0
107	short	RD/WR	Results of the Comparator group 1 combine A, B, C 1 = and, 0 = or		0	1	0
108	float	RD/WR	Comparator 1A, limit		-1e12	1e12	0

Address	Type	Access Right	Description	Unit	Min	Max	Default
110	short	RD/WR	Comparator 1A, Address of measurement value		0	32000	0
111	short	RD/WR	Comparator 1A, min. on time	s	0	32000	0
112	short	RD/WR	Comparator 1A, lead time	s	0	32000	0
113	short	RD/WR	Comparator 1A, operator „>=“ = 0, „<“ = 1		0	1	0
114	float	RD/WR	Comparator 1B, limit		-1e12	1e12	0
116	short	RD/WR	Comparator 1B, Address of measurement value		0	32000	0
117	short	RD/WR	Comparator 1B, min. on time	s	0	32000	0
118	short	RD/WR	Comparator 1B, lead time	s	0	32000	0
119	short	RD/WR	Comparator 1B, operator „>=“ = 0, „<“ = 1		0	1	0
120	float	RD/WR	Comparator 1C, limit		-1e12	1e12	0
122	short	RD/WR	Comparator 1C, Address of measurement value		0	32000	0
123	short	RD/WR	Comparator 1C, min. on time	s	0	32000	0
124	short	RD/WR	Comparator 1C, lead time	s	0	32000	0
125	short	RD/WR	Comparator 1C, operator „>=“ = 0, „<“ = 1		0	1	0
126	short	RD/WR	Results of the Comparator group 2 combine A, B, C 1 = and, 0 = or		0	1	0
127	float	RD/WR	Comparator 2A, limit		-1e12	1e12	0
129	short	RD/WR	Comparator 2A, Address of measurement value		0	32000	0
130	short	RD/WR	Comparator 2A, min. on time	s	0	32000	0
131	short	RD/WR	Comparator 2A, lead time	s	0	32000	0
132	short	RD/WR	Comparator 2A, operator „>=“ = 0, „<“ = 1		0	1	0
133	float	RD/WR	Comparator 2B, limit		-1e12	1e12	0
135	short	RD/WR	Comparator 2B, Address of measurement value		0	32000	0
136	short	RD/WR	Comparator 2B, min. on time	s	0	32000	0
137	short	RD/WR	Comparator 2B, lead time	s	0	32000	0
138	short	RD/WR	Comparator 2B, operator „>=“ = 0, „<“ = 1		0	1	0
139	float	RD/WR	Comparator 2C, limit		-1e12	1e12	0
141	short	RD/WR	Comparator 2C, Address of measurement value		0	32000	0
142	short	RD/WR	Comparator 2C, min. on time	s	0	32000	0
143	short	RD/WR	Comparator 2C, lead time	s	0	32000	0
144	short	RD/WR	Comparator 2C, operator „>=“ = 0, „<“ = 1		0	1	0
500	short	RD/WR	Connection configuration, I L1		-3	3	1
501	short	RD/WR	Connection configuration, I L2		-3	3	2

Address	Type	Access Right	Description	Unit	Min	Max	Default
502	short	RD/WR	Connection configuration, I L3 -1 = Measurement in phase L1, Connection (s1-s2) changed. -2 = Measurement in phase L2, Connection (s1-s2) changed. -3 = Measurement in phase L3, Connection (s1-s2) changed. 0 = Channel switched off 1 = Measurement in phase L1 2 = Measurement in phase L2 3 = Measurement in phase L3		-3	3	3
503	short	RD/WR	Connection configuration, U L1		0	3	1
504	short	RD/WR	Connection configuration, U L2		0	3	2
505	short	RD/WR	Connection configuration, U L3, 0 = Channel switched off 1 = Measurement in phase L1 2 = Measurement in phase L2 3 = Measurement in phase L3		0	3	3
506	short	RD/WR	Delete min. and maximum values		0	1	
507	short	RD/WR	Delete energy values		0	1	
508	short	RD/WR	Write in EEPROM		0	1	
509	short	RD/WR	Connection diagram voltage		0	8	0
510	short	RD/WR	Connection diagram current		0	8	0
511	short	RD/WR	Voltages used for THD and harmonics on the display: 0=L-N, 1=L-L		0	1	0
600	uint	RD	Overrange				
610	short	RD	Comparator 1 output A				0
611	short	RD	Comparator 1 output B				0
612	short	RD	Comparator 1 output C				0
613	short	RD	Comparator 2 output A				0
614	short	RD	Comparator 2 output B				0
615	short	RD	Comparator 2 output C				0
616	short	RD	Linkage result of comparator group 1				0
617	short	RD	Linkage result of comparator group 2				0
618	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), real energy		0	127	
619	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), real energy consumed		0	127	
620	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), real energy delivered		0	127	
621	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), Fund. reactive energy		0	127	
622	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), Fund. reactive energy ind.		0	127	
623	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), Fund. reactive energy cap.		0	127	
624	short	RD/WR	Tariff settings (Tariff 1-7 set by bits 0-6), apparent energy		0	127	
743	ushort	RD	Firmware release, major version				
744	ushort	RD	Firmware release, minor version				
745	ushort	RD	Firmware release, patch version				
746	short	RD/WR	Period after which the device switches to standby	1/10s	60	9999	900

Address	Type	Access Right	Description	Unit	Min	Max	Default
747	short	RD/WR	Background lighting in standby mode: 0 (dark), 9 (bright)		0	9	0
754	uint	RD	Serial number				
756	uint	RD	Production number				
21300	ushort	RD	MQTT Connection Status; 0=disabled, 1=disconnected, 2=connected, 3=init				
21301	ushort	RD	Error code of last MQTT error				
25000	string	RD/WR	Device name		0	0	UMG96-EL
25128	string	RD/WR	Device description		0	0	Janitza electronics GmbH

Frequently required measured values

19000	float	RD	Voltage L1-N	V
19002	float	RD	Voltage L2-N	V
19004	float	RD	Voltage L3-N	V
19006	float	RD	Voltage L1-L2	V
19008	float	RD	Voltage L2-L3	V
19010	float	RD	Voltage L3-L1	V
19012	float	RD	Current I L1	A
19014	float	RD	Current I L2	A
19016	float	RD	Current I L3	A
19018	float	RD	Vector sum; IN=I1+I2+I3	A
19020	float	RD	Real power P1 L1N	W
19022	float	RD	Real power P2 L2N	W
19024	float	RD	Real power P3 L3N	W
19026	float	RD	Sum; Psum3=P1+P2+P3	W
19028	float	RD	Apparent power S1 L1N	VA
19030	float	RD	Apparent power S2 L2N	VA
19032	float	RD	Apparent power S3 L3N	VA
19034	float	RD	Sum; Ssum3=S1+S2+S3	VA
19036	float	RD	Fund. reactive power Q1 L1N	var
19038	float	RD	Fund. reactive power Q2 L2N	var
19040	float	RD	Fund. reactive power Q3 L3N	var
19042	float	RD	Fund. Sum; Qsum3=Q1+Q2+Q3	var
19044	float	RD	Cos(ϕ); UL1 I1 (fundamental comp.)	
19046	float	RD	Cos(ϕ); UL2 I2 (fundamental comp.)	
19048	float	RD	Cos(ϕ); UL3 I3 (fundamental comp.)	
19050	float	RD	Measured frequency 10sec	Hz
19052	float	RD	Rotation field; 1=right, 0=none, -1=left	
19054	float	RD	Real energy L1	Wh
19056	float	RD	Real energy L2	Wh
19058	float	RD	Real energy L3	Wh
19060	float	RD	Real energy L1..L3	Wh
19062	float	RD	Real energy L1, consumed	Wh
19064	float	RD	Real energy L2, consumed	Wh
19066	float	RD	Real energy L3, consumed	Wh

Address	Type	Access Right	Description	Unit	Min	Max	Default
19068	float	RD	Real energy L1..L3, consumed	Wh			
19070	float	RD	Real energy L1, delivered	Wh			
19072	float	RD	Real energy L2, delivered	Wh			
19074	float	RD	Real energy L3, delivered	Wh			
19076	float	RD	Real energy L1..L3, delivered	Wh			
19078	float	RD	Apparent energy L1	VAh			
19080	float	RD	Apparent energy L2	VAh			
19082	float	RD	Apparent energy L3	VAh			
19084	float	RD	Apparent energy L1..L3	VAh			
19086	float	RD	Fund. reactive energy L1	varh			
19088	float	RD	Fund. reactive energy L2	varh			
19090	float	RD	Fund. reactive energy L3	varh			
19092	float	RD	Fund. reactive energy L1..L3	varh			
19094	float	RD	Fund. reactive energy ind. L1	varh			
19096	float	RD	Fund. reactive energy ind. L2	varh			
19098	float	RD	Fund. reactive energy ind. L3	varh			
19100	float	RD	Fund. reactive energy ind. L1..L3	varh			
19102	float	RD	Fund. reactive energy cap. L1	varh			
19104	float	RD	Fund. reactive energy cap. L2	varh			
19106	float	RD	Fund. reactive energy cap. L3	varh			
19108	float	RD	Fund. reactive energy cap. L1..L3	varh			
19110	float	RD	THD, U L1-N	%			
19112	float	RD	THD, U L2-N	%			
19114	float	RD	THD, U L3-N	%			
19116	float	RD	THD, I1	%			
19118	float	RD	THD, I2	%			
19120	float	RD	THD, I3	%			

Measured values, type float

800	float	RD	Measured frequency 10sec	Hz			
802	float	RD	Voltage, zero sequence	V			
804	float	RD	Voltage, negative sequence	V			
806	float	RD	Voltage, positive sequence	V			
808	float	RD	Voltage U1 L1-N	V			
810	float	RD	Voltage U2 L2-N	V			
812	float	RD	Voltage U3 L3-N	V			
814	float	RD	Voltage U1 L1-L2	V			
816	float	RD	Voltage U2 L2-L3	V			
818	float	RD	Voltage U3 L3-L1	V			
820	float	RD	Fund. power factor, Cos(ϕ); ULN, I1				
822	float	RD	Fund. power factor, Cos(ϕ); ULN, I2				
824	float	RD	Fund. power factor, Cos(ϕ); ULN, I3				
826	float	RD	Fund. Sum; Cos(ϕ)sum3=P0sum3/ Ssum3				
828	float	RD	Power factor; UL1N, I1				
830	float	RD	Power factor; UL2N, I2				

Address	Type	Access Right	Description	Unit	Min	Max	Default
832	float	RD	Power factor; UL3N, I3				
834	float	RD	Sum; Power factor sum3=Psum3/Ssum3				
836	float	RD	THD, U L1N	%			
838	float	RD	THD, U L2N	%			
840	float	RD	THD, U L3N	%			
842	float	RD	THD, U L1L2	%			
844	float	RD	THD, U L2L3	%			
846	float	RD	THD, U L3L1	%			
848	float	RD	Voltage, real part U1 L1-N	V			
850	float	RD	Voltage, real part U2 L2-N	V			
852	float	RD	Voltage, real part U3 L3-N	V			
854	float	RD	Voltage, imaginary part U L1-N	V			
856	float	RD	Voltage, imaginary part U L2-N	V			
858	float	RD	Voltage, imaginary part U L3-N	V			
860	float	RD	Current I1 L1	A			
862	float	RD	Current I2 L2	A			
864	float	RD	Current I3 L3	A			
866	float	RD	Vector sum; IN=I1+I2+I3	A			
868	float	RD	Real power P1 L1-N	W			
870	float	RD	Real power P2 L2-N	W			
872	float	RD	Real power P2 L3-N	W			
874	float	RD	Sum; Psum3=P1+P2+P3	W			
876	float	RD	Fund. reactive power Q1 L1-N	var			
878	float	RD	Fund. reactive power Q2 L2-N	var			
880	float	RD	Fund. reactive power Q3 L3-N	var			
882	float	RD	Fund. Sum; Qsum3=Q1+Q2+Q3	var			
884	float	RD	Apparent power S1 L1-N	VA			
886	float	RD	Apparent power S2 L2-N	VA			
888	float	RD	Apparent power S3 L3-N	VA			
890	float	RD	Sum; Ssum3=S1+S2+S3	VA			
892	float	RD	Fund. real power P01 L1-N	W			
894	float	RD	Fund. real power P02 L2-N	W			
896	float	RD	Fund. real power P03 L3-N	W			
898	float	RD	Fund. Sum; P0sum3=P01+P02+P03	W			
900	float	RD	Harmonic distortion power D1 L1-N	var			
902	float	RD	Harmonic distortion power D2 L2-N	var			
904	float	RD	Harmonic distortion power D3 L3-N	var			
906	float	RD	Sum; Dsum3=D1+D2+D3	var			
908	float	RD	THD, I1	%			
910	float	RD	THD, I2	%			
912	float	RD	THD, I3	%			
914	float	RD	TDD I1, with reference to nominal current	%			
916	float	RD	TDD I2, with reference to nominal current	%			
918	float	RD	TDD I3, with reference to nominal current	%			
920	float	RD	Current, zero sequence	A			
922	float	RD	Current, negative sequence	A			
924	float	RD	Current, positive sequence	A			
926	float	RD	Current, real part I L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
928	float	RD	Current, real part I L2	A			
930	float	RD	Current, real part I L3	A			
932	float	RD	Current, imaginary part I L1	A			
934	float	RD	Current, imaginary part I L2	A			
936	float	RD	Current, imaginary part I L3	A			
938	float	RD	Rotation field; 1=right, 0=none, -1=left				
940	float	RD	Frequency 200 ms	Hz			
5910	float	RD	Crest factor, U L1				
5912	float	RD	Crest factor, U L2				
5914	float	RD	Crest factor, U L3				
5916	float	RD	Crest factor, I L1				
5918	float	RD	Crest factor, I L2				
5920	float	RD	Crest factor, I L3				

Measured values, type short

3526	short (x10)	RD	Measured frequency 10sec	Hz			
3527	short (x10)	RD	Voltage, zero sequence				
3528	short (x10)	RD	Voltage, negative sequence				
3529	short (x10)	RD	Voltage, positive sequence				
3530	short (x10)	RD	Voltage U1 L1-N	V			
3531	short (x10)	RD	Voltage U2 L2-N	V			
3532	short (x10)	RD	Voltage U3 L3-N	V			
3533	short (x10)	RD	Voltage U1 L1-L2	V			
3534	short (x10)	RD	Voltage U2 L2-L3	V			
3535	short (x10)	RD	Voltage U3 L3-L1	V			
3776	short (x100)	RD	Fund. power factor, Cos(ϕ); UL1-N I1				
3777	short (x100)	RD	Fund. power factor, Cos(ϕ); UL2-N I2				
3778	short (x100)	RD	Fund. power factor, Cos(ϕ); UL3-N I3				
3779	short (x100)	RD	Fund. Sum; Cos(ϕ)sum3=P0sum3/ Ssum3				
3780	short (x100)	RD	Power factor; UL1-N I1	W			
3781	short (x100)	RD	Power factor; UL2-N I2	W			
3782	short (x100)	RD	Power factor; UL3-N I3	W			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3783	short (x100)	RD	Sum; Power factor sum3=Psum3/Ssum3	W			
3784	short (x100)	RD	THD, U L1-N	%			
3785	short (x100)	RD	THD, U L2-N	%			
3786	short (x100)	RD	THD, U L3-N	%			
3787	short (x100)	RD	THD, U L1-L2	%			
3788	short (x100)	RD	THD, U L2-L3	%			
3789	short (x100)	RD	THD, U L3-L1	%			
3790	short (x10)	RD	Voltage, real part U L1-N	V			
3791	short (x10)	RD	Voltage, real part U L2-N	V			
3792	short (x10)	RD	Voltage, real part U L3-N	V			
3793	short (x10)	RD	Voltage, imaginary part U L1-N	V			
3794	short (x10)	RD	Voltage, imaginary part U L2-N	V			
3795	short (x10)	RD	Voltage, imaginary part U L3-N	V			
3916	short (x1000)	RD	Current I L1	A			
3917	short (x1000)	RD	Current I L2	A			
3918	short (x1000)	RD	Current I L3	A			
3919	short (x1000)	RD	Vector sum; IN=I1+I2+I3	A			
3920	short (x10)	RD	Real power P L1-N	W			
3921	short (x10)	RD	Real power P L2-N	W			
3922	short (x10)	RD	Real power P L3-N	W			
3923	short	RD	Sum; Psum3=P1+P2+P3	W			
3924	short (x10)	RD	Fund. reactive power Q L1-N	var			
3925	short (x10)	RD	Fund. reactive power Q L2-N	var			
3926	short (x10)	RD	Fund. reactive power Q L3-N	var			
3927	short	RD	Fund. Sum; Qsum3=Q1+Q2+Q3	var			
3928	short (x10)	RD	Apparent power S L1-N	VA			
3929	short (x10)	RD	Apparent power S L2-N	VA			
3930	short (x10)	RD	Apparent power S L3-N	VA			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3931	short	RD	Sum; Ssum3=S1+S2+S3	VA			
3932	short (x10)	RD	Fund. real power P0 L1-N	W			
3933	short (x10)	RD	Fund. real power P0 L2-N	W			
3934	short (x10)	RD	Fund. real power P0 L3-N	W			
3935	short	RD	Fund. Sum; Cos(ϕ)sum3=P0sum3/ Ssum3	W			
3936	short (x10)	RD	Harmonic distortion power D L1-N	var			
3937	short (x10)	RD	Harmonic distortion power D L2-N	var			
3938	short (x10)	RD	Harmonic distortion power D L3-N	var			
3939	short	RD	Sum; Dsum3=D1+D2+D3	var			
3940	short (x100)	RD	THD, I1	%			
3941	short (x100)	RD	THD, I2	%			
3942	short (x100)	RD	THD, I3	%			
3943	short (x100)	RD	TDD I1	%			
3944	short (x100)	RD	TDD I2	%			
3945	short (x100)	RD	TDD I3	%			
3946	short (x1000)	RD	Current, zero sequence	A			
3947	short (x1000)	RD	Current, negative sequence	A			
3948	short (x1000)	RD	Current, positive sequence	A			
3949	short (x1000)	RD	Current, real part I L1	A			
3950	short (x1000)	RD	Current, real part I L2	A			
3951	short (x1000)	RD	Current, real part I L3	A			
3952	short (x1000)	RD	Current, imaginary part I L1	A			
3953	short (x1000)	RD	Current, imaginary part I L2	A			
3954	short (x1000)	RD	Current, imaginary part I L3	A			
3955	short	RD	Rotation field; 1=right, 0=none, -1=left				
4858	short (x10)	RD	Frequency 200 ms, Integer	Hz			

Address	Type	Access Right	Description	Unit	Min	Max	Default
Mean values, type float							
1720	float	RD	Mean value, measured frequency 10sec	Hz			
1722	float	RD	Mean value, Voltage, zero sequence	V			
1724	float	RD	Mean value, Voltage, negative sequence	V			
1726	float	RD	Mean value, Voltage, positive sequence	V			
1728	float	RD	Mean value, Voltage L1-N	V			
1730	float	RD	Mean value, Voltage L2-N	V			
1732	float	RD	Mean value, Voltage L3-N	V			
1734	float	RD	Mean value, Voltage L1-L2	V			
1736	float	RD	Mean value, Voltage L2-L3	V			
1738	float	RD	Mean value, Voltage L3-L1	V			
2220	float	RD	Mean value, Fund. power factor, Cos(ϕ); UL1-N I1				
2222	float	RD	Mean value, Fund. power factor, Cos(ϕ); UL2-N I2				
2224	float	RD	Mean value, Fund. power factor, Cos(ϕ); UL3-N I3				
2226	float	RD	Mean value, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
2228	float	RD	Mean value, Power factor; UL1-N I1				
2230	float	RD	Mean value, Power factor; UL2-N I2				
2232	float	RD	Mean value, Power factor; UL3-N I3				
2234	float	RD	Mean value, Sum; Power factor sum3=Psum3/Ssum3				
2236	float	RD	THD, U L1-N	%			
2238	float	RD	THD, U L2-N	%			
2240	float	RD	THD, U L3-N	%			
2242	float	RD	THD, U L1-L2	%			
2244	float	RD	THD, U L2-L3	%			
2246	float	RD	THD, U L3-L1	%			
2248	float	RD	Mean value, Voltage, real part U L1-N	V			
2250	float	RD	Mean value, Voltage, real part U L2-N	V			
2252	float	RD	Mean value, Voltage, real part U L3-N	V			
2254	float	RD	Mean value, Voltage, imaginary part U L1-N	V			
2256	float	RD	Mean value, Voltage, imaginary part U L2-N	V			
2258	float	RD	Mean value, Voltage, imaginary part U L3-N	V			
2500	float	RD	Mean value, Current I1	A			
2502	float	RD	Mean value, Current I2	A			
2504	float	RD	Mean value, Current I3	A			
2506	float	RD	Mean value, Vector sum; IN=I1+I2+I3	A			
2508	float	RD	Mean value, Real power P L1-N	W			
2510	float	RD	Mean value, Real power P L2-N	W			
2512	float	RD	Mean value, Real power P L3-N	W			
2514	float	RD	Mean value, Sum; Psum3=P1+P2+P3	W			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2516	float	RD	Mean value, Fund. reactive power Q L1-N	var			
2518	float	RD	Mean value, Fund. reactive power Q L2-N	var			
2520	float	RD	Mean value, Fund. reactive power Q L3-N	var			
2522	float	RD	Mean value, Fund. Sum; Qsum3=Q1+Q2+Q3	var			
2524	float	RD	Mean value, Apparent power S L1-N	VA			
2526	float	RD	Mean value, Apparent power S L2-N	VA			
2528	float	RD	Mean value, Apparent power S L3-N	VA			
2530	float	RD	Mean value, Sum; Ssum3=S1+S2+S3	VA			
2532	float	RD	Mean value, Fund. real power P0 L1-N	W			
2534	float	RD	Mean value, Fund. real power P0 L2-N	W			
2536	float	RD	Mean value, Fund. real power P0 L3-N	W			
2538	float	RD	Mean value, Fund. Sum; P0sum3=P01+P02+P03	W			
2540	float	RD	Mean value, Harmonic distortion power D L1-N	var			
2542	float	RD	Mean value, Harmonic distortion power D L2-N	var			
2544	float	RD	Mean value, Harmonic distortion power D L3-N	var			
2546	float	RD	Mean value, Sum; Dsum3=D1+D2+D3	var			
2548	float	RD	Mean value, THD I1	%			
2550	float	RD	Mean value, THD I2	%			
2552	float	RD	Mean value, THD I3	%			
2554	float	RD	Mean value, TDD I1	%			
2556	float	RD	Mean value, TDD I2	%			
2558	float	RD	Mean value, TDD I3	%			
2560	float	RD	Mean value, Current, zero sequence	A			
2562	float	RD	Mean value, Current, negative sequence	A			
2564	float	RD	Mean value, Current, positive sequence	A			
2566	float	RD	Mean value, Current, real part I L1	A			
2568	float	RD	Mean value, Current, real part I L2	A			
2570	float	RD	Mean value, Current, real part I L3	A			
2572	float	RD	Mean value, Current, imaginary part I1	A			
2574	float	RD	Mean value, Current, imaginary part I2	A			
2576	float	RD	Mean value, Current, imaginary part I3	A			
4852	float	RD	Average, frequency 200 ms	Hz			
5922	float	RD	Mean value, Crest factor, U L1				
5924	float	RD	Mean value, Crest factor, U L2				
5926	float	RD	Mean value, Crest factor, U L3				
5928	float	RD	Mean value, Crest factor, I L1				
5930	float	RD	Mean value, Crest factor, I L2				
5932	float	RD	Mean value, Crest factor, I L3				

Address	Type	Access Right	Description	Unit	Min	Max	Default
Mean values, type short							
3956	short (x10)	RD	Mean value, measured frequency 10sec	Hz			
3957	short (x10)	RD	Mean value, Voltage, zero sequence				
3958	short (x10)	RD	Mean value, Voltage, negative sequence				
3959	short (x10)	RD	Mean value, Voltage, positive sequence				
3960	short (x10)	RD	Mean value, Voltage L1-N	V			
3961	short (x10)	RD	Mean value, Voltage L2-N	V			
3962	short (x10)	RD	Mean value, Voltage L3-N	V			
3963	short (x10)	RD	Mean value, Voltage L1-L2	V			
3964	short (x10)	RD	Mean value, Voltage L2-L3	V			
3965	short (x10)	RD	Mean value, Voltage L3-L1	V			
4206	short (x100)	RD	Mean value, Fund. power factor, Cos(ϕ); UL1-N I1				
4207	short (x100)	RD	Mean value, Fund. power factor, Cos(ϕ); UL2-N I2				
4208	short (x100)	RD	Mean value, Fund. power factor, Cos(ϕ); UL3-N I3				
4209	short (x100)	RD	Mean value, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
4210	short (x100)	RD	Mean value, Power factor; UL1-N I1	W			
4211	short (x100)	RD	Mean value, Power factor; UL2-N I2	W			
4212	short (x100)	RD	Mean value, Power factor; UL3-N I3	W			
4213	short (x100)	RD	Mean value, Sum; Power factor sum3=Psum3/Ssum3	W			
4214	short (x100)	RD	Mean value, THD U L1-N	%			
4215	short (x100)	RD	Mean value, THD U L2-N	%			
4216	short (x100)	RD	Mean value, THD U L3-N	%			
4217	short (x100)	RD	Mean value, THD U L1-L2	%			
4218	short (x100)	RD	Mean value, THD U L2-L3	%			
4219	short (x100)	RD	Mean value, THD U L3-L1	%			
4220	short (x10)	RD	Mean value, real part U L1-N	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4221	short (x10)	RD	Mean value, real part U L2-N	V			
4222	short (x10)	RD	Mean value, real part U L3-N	V			
4223	short (x10)	RD	Mean value, imaginary part U L1-N	V			
4224	short (x10)	RD	Mean value, imaginary part U L2-N	V			
4225	short (x10)	RD	Mean value, imaginary part U L3-N	V			
4346	short (x1000)	RD	Mean value, Current I1	A			
4347	short (x1000)	RD	Mean value, Current I2	A			
4348	short (x1000)	RD	Mean value, Current I3	A			
4349	short (x1000)	RD	Mean value, Vector sum; IN=I1+I2+I3	A			
4350	short (x10)	RD	Mean value, Real power P L1-N	W			
4351	short (x10)	RD	Mean value, Real power P L2-N	W			
4352	short (x10)	RD	Mean value, Real power P L3-N	W			
4353	short	RD	Mean value, Sum; Psum3=P1+P2+P3	W			
4354	short (x10)	RD	Mean value, Fund. reactive power Q L1-N	var			
4355	short (x10)	RD	Mean value, Fund. reactive power Q L2-N	var			
4356	short (x10)	RD	Mean value, Fund. reactive power Q L3-N	var			
4357	short	RD	Mean value, Fund. Sum; Qsum3=Q1+Q2+Q3	var			
4358	short (x10)	RD	Mean value, Apparent power S L1-N	VA			
4359	short (x10)	RD	Mean value, Apparent power S L2-N	VA			
4360	short (x10)	RD	Mean value, Apparent power S L3-N	VA			
4361	short	RD	Mean value, Sum; Ssum3=S1+S2+S3	VA			
4362	short (x10)	RD	Mean value, Fund. real power P0 L1-N	W			
4363	short (x10)	RD	Mean value, Fund. real power P0 L2-N	W			
4364	short (x10)	RD	Mean value, Fund. real power P0 L3-N	W			
4365	short	RD	Mean value, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3	W			
4366	short (x10)	RD	Mean value, Harmonic distortion power D L1-N	var			
4367	short (x10)	RD	Mean value, Harmonic distortion power D L2-N	var			
4368	short (x10)	RD	Mean value, Harmonic distortion power D L3-N	var			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4369	short	RD	Mean value, Sum; Dsum3=D1+D2+D3	var			
4370	short (x100)	RD	Mean value, THD I1	%			
4371	short (x100)	RD	Mean value, THD I2	%			
4372	short (x100)	RD	Mean value, THD I3	%			
4373	short (x100)	RD	Mean value, TDD I1	%			
4374	short (x100)	RD	Mean value, TDD I2	%			
4375	short (x100)	RD	Mean value, TDD I3	%			
4376	short (x1000)	RD	Mean value, Current, zero sequence	A			
4377	short (x1000)	RD	Mean value, Current, negative sequence	A			
4378	short (x1000)	RD	Mean value, Current, positive sequence	A			
4379	short (x1000)	RD	Mean value, Current, real part I L1	A			
4380	short (x1000)	RD	Mean value, Current, real part I L2	A			
4381	short (x1000)	RD	Mean value, Current, real part I L3	A			
4382	short (x1000)	RD	Mean value, Current, imaginary part I L1	A			
4383	short (x1000)	RD	Mean value, Current, imaginary part I L2	A			
4384	short (x1000)	RD	Mean value, Current, imaginary part I L3	A			
4859	short (x10)	RD	Average, frequency 200 ms, Integer	Hz			

Minimum values, type float

3436	float	RD	Minimum, measured frequency 10sec	Hz			
3438	float	RD	Minimum, Voltage, zero sequence	V			
3440	float	RD	Minimum, Voltage, negative sequence	V			
3442	float	RD	Minimum, Voltage, positive sequence	V			
3444	float	RD	Minimum, Voltage L1-N	V			
3446	float	RD	Minimum, Voltage L2-N	V			
3448	float	RD	Minimum, Voltage L3-N	V			
3450	float	RD	Minimum, Voltage L1-L2	V			
3452	float	RD	Minimum, Voltage L2-L3	V			
3454	float	RD	Minimum, Voltage L3-L1	V			
3456	float	RD	Minimum, Fund. power factor, Cos(ϕ); UL1-N I1				
3458	float	RD	Minimum, Fund. power factor, Cos(ϕ); UL2-N I2				

Address	Type	Access Right	Description	Unit	Min	Max	Default
3460	float	RD	Minimum, Fund. power factor, Cos(ϕ); UL3-N I3				
3462	float	RD	Minimum, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
3464	float	RD	Minimum, Power factor; UL1-N I1				
3466	float	RD	Minimum, Power factor; UL2-N I2				
3468	float	RD	Minimum, Power factor; UL3-N I3				
3470	float	RD	Minimum, Sum; Power factor sum3=Psum3/Ssum3				
3472	float	RD	Minimum, THD U L1-N	%			
3474	float	RD	Minimum, THD U L2-N	%			
3476	float	RD	Minimum, THD U L3-N	%			
3478	float	RD	Minimum, THD U L1-L2	%			
3480	float	RD	Minimum, THD U L2-L3	%			
3482	float	RD	Minimum, THD U L3-L1	%			
3484	float	RD	Minimum, Voltage, real part U L1-N	V			
3486	float	RD	Minimum, Voltage, real part U L2-N	V			
3488	float	RD	Minimum, Voltage, real part U L3-N	V			
3490	float	RD	Minimum, Voltage, imaginary part U L1-N	V			
3492	float	RD	Minimum, Voltage, imaginary part U L2-N	V			
3494	float	RD	Minimum, Voltage, imaginary part U L3-N	V			
4856	float	RD	Minimum, frequency 200 ms	Hz			

Minimum values, type short

4814	short (x10)	RD	Minimum, measured frequency 10sec	Hz			
4815	short (x10)	RD	Minimum, Voltage, zero sequence				
4816	short (x10)	RD	Minimum, Voltage, negative sequence				
4817	short (x10)	RD	Minimum, Voltage, positive sequence				
4818	short (x10)	RD	Minimum, Voltage L1-N	V			
4819	short (x10)	RD	Minimum, Voltage L2-N	V			
4820	short (x10)	RD	Minimum, Voltage L3-N	V			
4821	short (x10)	RD	Minimum, Voltage L1-L2	V			
4822	short (x10)	RD	Minimum, Voltage L2-L3	V			
4823	short (x10)	RD	Minimum, Voltage L3-L1	V			
4824	short (x100)	RD	Minimum, Fund. power factor, Cos(ϕ); UL1-N I1				

Address	Type	Access Right	Description	Unit	Min	Max	Default
4825	short (x100)	RD	Minimum, Fund. power factor, Cos(ϕ); UL2-N I2				
4826	short (x100)	RD	Minimum, Fund. power factor, Cos(ϕ); UL3-N I3				
4827	short (x100)	RD	Minimum, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
4828	short (x100)	RD	Minimum, Power factor; UL1-N I1	W			
4829	short (x100)	RD	Minimum, Power factor; UL2-N I2	W			
4830	short (x100)	RD	Minimum, Power factor; UL3-N I3	W			
4831	short (x100)	RD	Minimum, Sum; Power factor sum3=Psum3/Ssum3	W			
4832	short (x100)	RD	Minimum, THD U L1-N	%			
4833	short (x100)	RD	Minimum, THD U L2-N	%			
4834	short (x100)	RD	Minimum, THD U L3-N	%			
4835	short (x100)	RD	Minimum, THD U L1-L2	%			
4836	short (x100)	RD	Minimum, THD U L2-L3	%			
4837	short (x100)	RD	Minimum, THD U L3-L1	%			
4838	short (x10)	RD	Minimum, Voltage, real part U L1-N	V			
4839	short (x10)	RD	Minimum, Voltage, real part U L2-N	V			
4840	short (x10)	RD	Minimum, Voltage, real part U L3-N	V			
4841	short (x10)	RD	Minimum, Voltage, imaginary part U L1-N	V			
4842	short (x10)	RD	Minimum, Voltage, imaginary part U L2-N	V			
4843	short (x10)	RD	Minimum, Voltage, imaginary part U L3-N	V			
4861	short (x10)	RD	Minimum, frequency 200 ms, Integer	Hz			

Maximum values, type float

2578	float	RD	Maximum, measured frequency 10sec	Hz
2580	float	RD	Maximum, Voltage, zero sequence	V
2582	float	RD	Maximum, Voltage, negative sequence	V
2584	float	RD	Maximum, Voltage, positive sequence	V
2586	float	RD	Maximum, Voltage L1-N	V
2588	float	RD	Maximum, Voltage L2-N	V
2590	float	RD	Maximum, Voltage L3-N	V
2592	float	RD	Maximum, Voltage L1-L2	V
2594	float	RD	Maximum, Voltage L2-L3	V

Address	Type	Access Right	Description	Unit	Min	Max	Default
2596	float	RD	Maximum, Voltage L3-L1	V			
3078	float	RD	Maximum, Fund. power factor, Cos(ϕ); UL1-N I1				
3080	float	RD	Maximum, Fund. power factor, Cos(ϕ); UL2-N I2				
3082	float	RD	Maximum, Fund. power factor, Cos(ϕ); UL3-N I3				
3084	float	RD	Maximum, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
3086	float	RD	Maximum, Power factor; UL1-N I1				
3088	float	RD	Maximum, Power factor; UL2-N I2				
3090	float	RD	Maximum, Power factor; UL3-N I3				
3092	float	RD	Maximum, Sum; Power factor sum3=Psum3/Ssum				
3094	float	RD	Maximum, THD, U L1-N	%			
3096	float	RD	Maximum, THD, U L2-N	%			
3098	float	RD	Maximum, THD, U L3-N	%			
3100	float	RD	Maximum, THD, U L1-L2	%			
3102	float	RD	Maximum, THD, U L2-L3	%			
3104	float	RD	Maximum, THD, U L3-L1	%			
3106	float	RD	Maximum, Voltage, real part U L1-N	V			
3108	float	RD	Maximum, Voltage, real part U L2-N	V			
3110	float	RD	Maximum, Voltage, real part U L3-N	V			
3112	float	RD	Maximum, Voltage, imaginary part U L1-N	V			
3114	float	RD	Maximum, Voltage, imaginary part U L2-N	V			
3116	float	RD	Maximum, Voltage, imaginary part U L3-N	V			
3358	float	RD	Maximum, Current I L1	A			
3360	float	RD	Maximum, Current I L2	A			
3362	float	RD	Maximum, Current I L3	A			
3364	float	RD	Maximum, Vector sum; IN=I1+I2+I3	A			
3366	float	RD	Maximum, Real power P L1-N	W			
3368	float	RD	Maximum, Real power P L2-N	W			
3370	float	RD	Maximum, Real power P L3-N	W			
3372	float	RD	Maximum, Sum; Psum3=P1+P2+P3	W			
3374	float	RD	Maximum, Fund. reactive power Q L1-N	var			
3376	float	RD	Maximum, Fund. reactive power Q L2-N	var			
3378	float	RD	Maximum, Fund. reactive power Q L3-N	var			
3380	float	RD	Maximum, Fund. Sum; Qsum3=Q1+Q2+Q3	var			
3382	float	RD	Maximum, Apparent power S L1-N	VA			
3384	float	RD	Maximum, Apparent power S L2-N	VA			
3386	float	RD	Maximum, Apparent power S L3-N	VA			
3388	float	RD	Maximum, Sum; Ssum3=S1+S2+S3	VA			
3390	float	RD	Maximum, Fund. real power P0 L1-N	W			
3392	float	RD	Maximum, Fund. real power P0 L2-N	W			
3394	float	RD	Maximum, Fund. real power P0 L3-N	W			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3396	float	RD	Maximum, Fund. Sum; P0sum3=P01+P02+P03	W			
3398	float	RD	Maximum, Harmonic distortion power D L1-N	var			
3400	float	RD	Maximum, Harmonic distortion power D L2-N	var			
3402	float	RD	Maximum, Harmonic distortion power D L3-N	var			
3404	float	RD	Maximum, Sum; Dsum3=D1+D2+D3	var			
3406	float	RD	Maximum, THD I1	%			
3408	float	RD	Maximum, THD I2	%			
3410	float	RD	Maximum, THD I3	%			
3412	float	RD	Maximum, TDD I1	%			
3414	float	RD	Maximum, TDD I2	%			
3416	float	RD	Maximum, TDD I3	%			
3418	float	RD	Maximum, Current, zero sequence	A			
3420	float	RD	Maximum, Current, negative sequence	A			
3422	float	RD	Maximum, positive sequence	A			
3424	float	RD	Maximum, real part I L1	A			
3426	float	RD	Maximum, real part I L2	A			
3428	float	RD	Maximum, real part I L3	A			
3430	float	RD	Maximum, imaginary part I L1	A			
3432	float	RD	Maximum, imaginary part I L2	A			
3434	float	RD	Maximum, imaginary part I L3	A			
4854	float	RD	Maximum, frequency 200 ms	Hz			

Maximum values, type short

4385	short (x10)	RD	Maximum, measured frequency 10sec	Hz			
4386	short (x10)	RD	Maximum, Voltage, zero sequence				
4387	short (x10)	RD	Maximum, Voltage, negative sequence				
4388	short (x10)	RD	Maximum, Voltage, positive sequence				
4389	short (x10)	RD	Maximum, Voltage L1-N	V			
4390	short (x10)	RD	Maximum, Voltage L2-N	V			
4391	short (x10)	RD	Maximum, Voltage L3-N	V			
4392	short (x10)	RD	Maximum, Voltage L1-L2	V			
4393	short (x10)	RD	Maximum, Voltage L2-L3	V			
4394	short (x10)	RD	Maximum, Voltage L3-L1	V			
4635	short (x100)	RD	Maximum, Fund. power factor, Cos(ϕ); UL1-N I1				

Address	Type	Access Right	Description	Unit	Min	Max	Default
4636	short (x100)	RD	Maximum, Fund. power factor, Cos(ϕ); UL2-N I2				
4637	short (x100)	RD	Maximum, Fund. power factor, Cos(ϕ); UL3-N I3				
4638	short (x100)	RD	Maximum, Fund. Sum; Cos(ϕ) sum3=P0sum3/Ssum3				
4639	short (x100)	RD	Maximum, Power factor; UL1-N I1	W			
4640	short (x100)	RD	Maximum, Power factor; UL2-N I2	W			
4641	short (x100)	RD	Maximum, Power factor; UL3-N I3	W			
4642	short (x100)	RD	Maximum, Sum; Power factor sum3=Psum3/Ssum3	W			
4643	short (x100)	RD	Maximum, THD U L1-N	%			
4644	short (x100)	RD	Maximum, THD U L2-N	%			
4645	short (x100)	RD	Maximum, THD U L3-N	%			
4646	short (x100)	RD	Maximum, THD U L1-L2	%			
4647	short (x100)	RD	Maximum, THD U L2-L3	%			
4648	short (x100)	RD	Maximum, THD U L3-L1	%			
4649	short (x10)	RD	Maximum, real part U L1-N	V			
4650	short (x10)	RD	Maximum, real part U L2-N	V			
4651	short (x10)	RD	Maximum, real part U L3-N	V			
4652	short (x10)	RD	Maximum, imaginary part U L1-N	V			
4653	short (x10)	RD	Maximum, imaginary part U L2-N	V			
4654	short (x10)	RD	Maximum, imaginary part U L3-N	V			
4775	short (x1000)	RD	Maximum, Current I L1	A			
4776	short (x1000)	RD	Maximum, Current I L2	A			
4777	short (x1000)	RD	Maximum, Current I L3	A			
4778	short (x1000)	RD	Maximum, Vector sum; IN=I1+I2+I3	A			
4779	short (x10)	RD	Maximum, Real power P L1-N	W			
4780	short (x10)	RD	Maximum, Real power P L2-N	W			
4781	short (x10)	RD	Maximum, Real power P L3-N	W			
4782	short	RD	Maximum, Sum; Psum3=P1+P2+P3	W			
4783	short (x10)	RD	Maximum, Fund. reactive power Q L1-N	var			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4784	short (x10)	RD	Maximum, Fund. reactive power Q L2-N	var			
4785	short (x10)	RD	Maximum, Fund. reactive power Q L3-N	var			
4786	short	RD	Maximum, Fund. Sum; Qsum3=Q1+Q2+Q3	var			
4787	short (x10)	RD	Maximum, Apparent power S L1-N	VA			
4788	short (x10)	RD	Maximum, Apparent power S L2-N	VA			
4789	short (x10)	RD	Maximum, Apparent power S L3-N	VA			
4790	short	RD	Maximum, Sum; Ssum3=S1+S2+S3	VA			
4791	short (x10)	RD	Maximum, Fund. real power P0 L1-N	W			
4792	short (x10)	RD	Maximum, Fund. real power P0 L2-N	W			
4793	short (x10)	RD	Maximum, Fund. real power P0 L3-N	W			
4794	short	RD	Maximum, Fund. Sum; P0sum3=P01+P02+P03	W			
4795	short (x10)	RD	Maximum, Harmonic distortion power D L1-N	var			
4796	short (x10)	RD	Maximum, Harmonic distortion power D L2-N	var			
4797	short (x10)	RD	Maximum, Harmonic distortion power D L3-N	var			
4798	short	RD	Maximum, Sum; Dsum3=D1+D2+D3	var			
4799	short (x100)	RD	Maximum, THD I1	%			
4800	short (x100)	RD	Maximum, THD I2	%			
4801	short (x100)	RD	Maximum, THD I3	%			
4802	short (x100)	RD	Maximum, TDD I1	%			
4803	short (x100)	RD	Maximum, TDD I2	%			
4804	short (x100)	RD	Maximum, TDD I3	%			
4805	short (x1000)	RD	Maximum, Current, zero sequence	A			
4806	short (x1000)	RD	Maximum, Current, negative sequence	A			
4807	short (x1000)	RD	Maximum, Current, positive sequence	A			
4808	short (x1000)	RD	Maximum, Current, real part I1	A			
4809	short (x1000)	RD	Maximum, Current, real part I2	A			
4810	short (x1000)	RD	Maximum, Current, real part I3	A			
4811	short (x1000)	RD	Maximum, Current, imaginary part I L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4812	short (x1000)	RD	Maximum, Current, imaginary part I L2	A			
4813	short (x1000)	RD	Maximum, Current, imaginary part I L3	A			
4860	short (x10)	RD	Maximum, frequency 200 ms, Integer	Hz			

Maximum values of mean values, type float

3496	float	RD	Maximum value of mean values, Current I1	A			
3498	float	RD	Maximum value of mean values, Current I2	A			
3500	float	RD	Maximum value of mean values, Current I3	A			
3502	float	RD	Maximum value of mean values, Vector sum; IN=I1+I2+I3	A			
3504	float	RD	Maximum value of mean values, Real power P L1-N	W			
3506	float	RD	Maximum value of mean values, Real power P L2-N	W			
3508	float	RD	Maximum value of mean values, Real power P L3-N	W			
3510	float	RD	Maximum value of mean values, Sum; Psum3=P1+P2+P3	W			

Maximum values of mean values, type short

4844	short	RD	Maximum value of mean values, Current I1	A			
4845	short	RD	Maximum value of mean values, Current I2	A			
4846	short	RD	Maximum value of mean values, Current I3	A			
4847	short	RD	Maximum value of mean values, Vector sum; IN=I1+I2+I3	A			
4848	short	RD	Maximum value of mean values, Real power P L1-N	W			
4849	short	RD	Maximum value of mean values, Real power P L2-N	W			
4850	short	RD	Maximum value of mean values, Real power P L3-N	W			
4851	short	RD	Maximum value of mean values, Sum; Psum3=P1+P2+P3	W			

Address	Type	Access Right	Description	Unit	Min	Max	Default
Energy values, type integer							
5448	int	RD	Real energy, L1	Wh			
5450	int	RD	Real energy, L1, tariff 1	Wh			
5452	int	RD	Real energy, L1, tariff 2	Wh			
5454	int	RD	Real energy, L1, tariff 3	Wh			
5456	int	RD	Real energy, L1, tariff 4	Wh			
5458	int	RD	Real energy, L1, tariff 5	Wh			
5460	int	RD	Real energy, L1, tariff 6	Wh			
5462	int	RD	Real energy, L1, tariff 7	Wh			
5464	int	RD	Real energy, L1, consumed	Wh			
5466	int	RD	Real energy, L1, consumed, tariff 1	Wh			
5468	int	RD	Real energy, L1, consumed, tariff 2	Wh			
5470	int	RD	Real energy, L1, consumed, tariff 3	Wh			
5472	int	RD	Real energy, L1, consumed, tariff 4	Wh			
5474	int	RD	Real energy, L1, consumed, tariff 5	Wh			
5476	int	RD	Real energy, L1, consumed, tariff 6	Wh			
5478	int	RD	Real energy, L1, consumed, tariff 7	Wh			
5480	int	RD	Real energy, L1, delivered	Wh			
5482	int	RD	Real energy, L1, delivered, tariff 1	Wh			
5484	int	RD	Real energy, L1, delivered, tariff 2	Wh			
5486	int	RD	Real energy, L1, delivered, tariff 3	Wh			
5488	int	RD	Real energy, L1, delivered, tariff 4	Wh			
5490	int	RD	Real energy, L1, delivered, tariff 5	Wh			
5492	int	RD	Real energy, L1, delivered, tariff 6	Wh			
5494	int	RD	Real energy, L1, delivered, tariff 7	Wh			
5496	int	RD	Fund. reactive energy, L1	varh			
5498	int	RD	Fund. reactive energy, L1, tariff 1	varh			
5500	int	RD	Fund. reactive energy, L1, tariff 2	varh			
5502	int	RD	Fund. reactive energy, L1, tariff 3	varh			
5504	int	RD	Fund. reactive energy, L1, tariff 4	varh			
5506	int	RD	Fund. reactive energy, L1, tariff 5	varh			
5508	int	RD	Fund. reactive energy, L1, tariff 6	varh			
5510	int	RD	Fund. reactive energy, L1, tariff 7	varh			
5512	int	RD	Fund. reactive energy, L1, ind.	varh			
5514	int	RD	Fund. reactive energy, L1, ind., tariff 1	varh			
5516	int	RD	Fund. reactive energy, L1, ind., tariff 2	varh			
5518	int	RD	Fund. reactive energy, L1, ind., tariff 3	varh			
5520	int	RD	Fund. reactive energy, L1, ind., tariff 4	varh			
5522	int	RD	Fund. reactive energy, L1, ind., tariff 5	varh			
5524	int	RD	Fund. reactive energy, L1, ind., tariff 6	varh			
5526	int	RD	Fund. reactive energy, L1, ind., tariff 7	varh			
5528	int	RD	Fund. reactive energy, L1, cap.	varh			
5530	int	RD	Fund. reactive energy, L1, cap., tariff 1	varh			
5532	int	RD	Fund. reactive energy, L1, cap., tariff 2	varh			
5534	int	RD	Fund. reactive energy, L1, cap., tariff 3	varh			

Address	Type	Access Right	Description	Unit	Min	Max	Default
5536	int	RD	Fund. reactive energy, L1, cap., tariff 4	varh			
5538	int	RD	Fund. reactive energy, L1, cap., tariff 5	varh			
5540	int	RD	Fund. reactive energy, L1, cap., tariff 6	varh			
5542	int	RD	Fund. reactive energy, L1, cap., tariff 7	varh			
5544	int	RD	Apparent energy, L1	VAh			
5546	int	RD	Apparent energy, L1, tariff 1	VAh			
5548	int	RD	Apparent energy, L1, tariff 2	VAh			
5550	int	RD	Apparent energy, L1, tariff 3	VAh			
5552	int	RD	Apparent energy, L1, tariff 4	VAh			
5554	int	RD	Apparent energy, L1, tariff 5	VAh			
5556	int	RD	Apparent energy, L1, tariff 6	VAh			
5558	int	RD	Apparent energy, L1, tariff 7	VAh			
5560	int	RD	Real energy, L2	Wh			
5562	int	RD	Real energy, L2, tariff 1	Wh			
5564	int	RD	Real energy, L2, tariff 2	Wh			
5566	int	RD	Real energy, L2, tariff 3	Wh			
5568	int	RD	Real energy, L2, tariff 4	Wh			
5570	int	RD	Real energy, L2, tariff 5	Wh			
5572	int	RD	Real energy, L2, tariff 6	Wh			
5574	int	RD	Real energy, L2, tariff 7	Wh			
5576	int	RD	Real energy, L2, consumed	Wh			
5578	int	RD	Real energy, L2, consumed, tariff 1	Wh			
5580	int	RD	Real energy, L2, consumed, tariff 2	Wh			
5582	int	RD	Real energy, L2, consumed, tariff 3	Wh			
5584	int	RD	Real energy, L2, consumed, tariff 4	Wh			
5586	int	RD	Real energy, L2, consumed, tariff 5	Wh			
5588	int	RD	Real energy, L2, consumed, tariff 6	Wh			
5590	int	RD	Real energy, L2, consumed, tariff 7	Wh			
5592	int	RD	Real energy, L2, delivered	Wh			
5594	int	RD	Real energy, L2, delivered, tariff 1	Wh			
5596	int	RD	Real energy, L2, delivered, tariff 2	Wh			
5598	int	RD	Real energy, L2, delivered, tariff 3	Wh			
5600	int	RD	Real energy, L2, delivered, tariff 4	Wh			
5602	int	RD	Real energy, L2, delivered, tariff 5	Wh			
5604	int	RD	Real energy, L2, delivered, tariff 6	Wh			
5606	int	RD	Real energy, L2, delivered, tariff 7	Wh			
5608	int	RD	Fund. reactive energy, L2	varh			
5610	int	RD	Fund. reactive energy, L2, tariff 1	varh			
5612	int	RD	Fund. reactive energy, L2, tariff 2	varh			
5614	int	RD	Fund. reactive energy, L2, tariff 3	varh			
5616	int	RD	Fund. reactive energy, L2, tariff 4	varh			
5618	int	RD	Fund. reactive energy, L2, tariff 5	varh			
5620	int	RD	Fund. reactive energy, L2, tariff 6	varh			
5622	int	RD	Fund. reactive energy, L2, tariff 7	varh			
5624	int	RD	Fund. reactive energy, L2, ind.	varh			
5626	int	RD	Fund. reactive energy, L2, ind., tariff 1	varh			
5628	int	RD	Fund. reactive energy, L2, ind., tariff 2	varh			
5630	int	RD	Fund. reactive energy, L2, ind., tariff 3	varh			

Address	Type	Access Right	Description	Unit	Min	Max	Default
5632	int	RD	Fund. reactive energy, L2, ind., tariff 4	varh			
5634	int	RD	Fund. reactive energy, L2, ind., tariff 5	varh			
5636	int	RD	Fund. reactive energy, L2, ind., tariff 6	varh			
5638	int	RD	Fund. reactive energy, L2, ind., tariff 7	varh			
5640	int	RD	Fund. reactive energy, L2, cap.	varh			
5642	int	RD	Fund. reactive energy, L2, cap., tariff 1	varh			
5644	int	RD	Fund. reactive energy, L2, cap., tariff 2	varh			
5646	int	RD	Fund. reactive energy, L2, cap., tariff 3	varh			
5648	int	RD	Fund. reactive energy, L2, cap., tariff 4	varh			
5650	int	RD	Fund. reactive energy, L2, cap., tariff 5	varh			
5652	int	RD	Fund. reactive energy, L2, cap., tariff 6	varh			
5654	int	RD	Fund. reactive energy, L2, cap., tariff 7	varh			
5656	int	RD	Apparent energy, L2	VAh			
5658	int	RD	Apparent energy, L2, tariff 1	VAh			
5660	int	RD	Apparent energy, L2, tariff 2	VAh			
5662	int	RD	Apparent energy, L2, tariff 3	VAh			
5664	int	RD	Apparent energy, L2, tariff 4	VAh			
5666	int	RD	Apparent energy, L2, tariff 5	VAh			
5668	int	RD	Apparent energy, L2, tariff 6	VAh			
5670	int	RD	Apparent energy, L2, tariff 7	VAh			
5672	int	RD	Real energy, L3	Wh			
5674	int	RD	Real energy, L3, tariff 1	Wh			
5676	int	RD	Real energy, L3, tariff 2	Wh			
5678	int	RD	Real energy, L3, tariff 3	Wh			
5680	int	RD	Real energy, L3, tariff 4	Wh			
5682	int	RD	Real energy, L3, tariff 5	Wh			
5684	int	RD	Real energy, L3, tariff 6	Wh			
5686	int	RD	Real energy, L3, tariff 7	Wh			
5688	int	RD	Real energy, L3, consumed	Wh			
5690	int	RD	Real energy, L3, consumed, tariff 1	Wh			
5692	int	RD	Real energy, L3, consumed, tariff 2	Wh			
5694	int	RD	Real energy, L3, consumed, tariff 3	Wh			
5696	int	RD	Real energy, L3, consumed, tariff 4	Wh			
5698	int	RD	Real energy, L3, consumed, tariff 5	Wh			
5700	int	RD	Real energy, L3, consumed, tariff 6	Wh			
5702	int	RD	Real energy, L3, consumed, tariff 7	Wh			
5704	int	RD	Real energy, L3, delivered	Wh			
5706	int	RD	Real energy, L3, delivered, tariff 1	Wh			
5708	int	RD	Real energy, L3, delivered, tariff 2	Wh			
5710	int	RD	Real energy, L3, delivered, tariff 3	Wh			
5712	int	RD	Real energy, L3, delivered, tariff 4	Wh			
5714	int	RD	Real energy, L3, delivered, tariff 5	Wh			
5716	int	RD	Real energy, L3, delivered, tariff 6	Wh			
5718	int	RD	Real energy, L3, delivered, tariff 7	Wh			
5720	int	RD	Fund. reactive energy, L3	varh			
5722	int	RD	Fund. reactive energy, L3, tariff 1	varh			
5724	int	RD	Fund. reactive energy, L3, tariff 2	varh			
5726	int	RD	Fund. reactive energy, L3, tariff 3	varh			

Address	Type	Access Right	Description	Unit	Min	Max	Default
5728	int	RD	Fund. reactive energy, L3, tariff 4	varh			
5730	int	RD	Fund. reactive energy, L3, tariff 5	varh			
5732	int	RD	Fund. reactive energy, L3, tariff 6	varh			
5734	int	RD	Fund. reactive energy, L3, tariff 7	varh			
5736	int	RD	Fund. reactive energy, L3, ind.	varh			
5738	int	RD	Fund. reactive energy, L3, ind., tariff 1	varh			
5740	int	RD	Fund. reactive energy, L3, ind., tariff 2	varh			
5742	int	RD	Fund. reactive energy, L3, ind., tariff 3	varh			
5744	int	RD	Fund. reactive energy, L3, ind., tariff 4	varh			
5746	int	RD	Fund. reactive energy, L3, ind., tariff 5	varh			
5748	int	RD	Fund. reactive energy, L3, ind., tariff 6	varh			
5750	int	RD	Fund. reactive energy, L3, ind., tariff 7	varh			
5752	int	RD	Fund. reactive energy, L3, cap.	varh			
5754	int	RD	Fund. reactive energy, L3, cap., tariff 1	varh			
5756	int	RD	Fund. reactive energy, L3, cap., tariff 2	varh			
5758	int	RD	Fund. reactive energy, L3, cap., tariff 3	varh			
5760	int	RD	Fund. reactive energy, L3, cap., tariff 4	varh			
5762	int	RD	Fund. reactive energy, L3, cap., tariff 5	varh			
5764	int	RD	Fund. reactive energy, L3, cap., tariff 6	varh			
5766	int	RD	Fund. reactive energy, L3, cap., tariff 7	varh			
5768	int	RD	Apparent energy, L3	VAh			
5770	int	RD	Apparent energy, L3, tariff 1	VAh			
5772	int	RD	Apparent energy, L3, tariff 2	VAh			
5774	int	RD	Apparent energy, L3, tariff 3	VAh			
5776	int	RD	Apparent energy, L3, tariff 4	VAh			
5778	int	RD	Apparent energy, L3, tariff 5	VAh			
5780	int	RD	Apparent energy, L3, tariff 6	VAh			
5782	int	RD	Apparent energy, L3, tariff 7	VAh			
5784	int	RD	Real energy, sum. L1..L3	Wh			
5786	int	RD	Real energy, sum. L1..L3, tariff 1	Wh			
5788	int	RD	Real energy, sum. L1..L3, tariff 2	Wh			
5790	int	RD	Real energy, sum. L1..L3, tariff 3	Wh			
5792	int	RD	Real energy, sum. L1..L3, tariff 4	Wh			
5794	int	RD	Real energy, sum. L1..L3, tariff 5	Wh			
5796	int	RD	Real energy, sum. L1..L3, tariff 6	Wh			
5798	int	RD	Real energy, sum. L1..L3, tariff 7	Wh			
5800	int	RD	Real energy, sum. L1..L3, consumed	Wh			
5802	int	RD	Real energy, sum. L1..L3, consumed, tariff 1	Wh			
5804	int	RD	Real energy, sum. L1..L3, consumed, tariff 2	Wh			
5806	int	RD	Real energy, sum. L1..L3, consumed, tariff 3	Wh			
5808	int	RD	Real energy, sum. L1..L3, consumed, tariff 4	Wh			
5810	int	RD	Real energy, sum. L1..L3, consumed, tariff 5	Wh			
5812	int	RD	Real energy, sum. L1..L3, consumed, tariff 6	Wh			

Address	Type	Access Right	Description	Unit	Min	Max	Default
5814	int	RD	Real energy, sum. L1..L3, consumed, tariff 7	Wh			
5816	int	RD	Real energy, sum. L1..L3, delivered	Wh			
5818	int	RD	Real energy, sum. L1..L3, delivered, tariff 1	Wh			
5820	int	RD	Real energy, sum. L1..L3, delivered, tariff 2	Wh			
5822	int	RD	Real energy, sum. L1..L3, delivered, tariff 3	Wh			
5824	int	RD	Real energy, sum. L1..L3, delivered, tariff 4	Wh			
5826	int	RD	Real energy, sum. L1..L3, delivered, tariff 5	Wh			
5828	int	RD	Real energy, sum. L1..L3, delivered, tariff 6	Wh			
5830	int	RD	Real energy, sum. L1..L3, delivered, tariff 7	Wh			
5832	int	RD	Fund. reactive energy, sum. L1..L3	varh			
5834	int	RD	Fund. reactive energy, sum. L1..L3, tariff 1	varh			
5836	int	RD	Fund. reactive energy, sum. L1..L3, tariff 2	varh			
5838	int	RD	Fund. reactive energy, sum. L1..L3, tariff 3	varh			
5840	int	RD	Fund. reactive energy, sum. L1..L3, tariff 4	varh			
5842	int	RD	Fund. reactive energy, sum. L1..L3, tariff 5	varh			
5844	int	RD	Fund. reactive energy, sum. L1..L3, tariff 6	varh			
5846	int	RD	Fund. reactive energy, sum. L1..L3, tariff 7	varh			
5848	int	RD	Fund. reactive energy, sum. L1..L3, ind.	varh			
5850	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 1	varh			
5852	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 2	varh			
5854	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 3	varh			
5856	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 4	varh			
5858	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 5	varh			
5860	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 6	varh			
5862	int	RD	Fund. reactive energy, sum. L1..L3, ind., tariff 7	varh			
5864	int	RD	Fund. reactive energy, sum. L1..L3, cap.	varh			
5866	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 1	varh			
5868	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 2	varh			
5870	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 3	varh			

Address	Type	Access Right	Description	Unit	Min	Max	Default
5872	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 4	varh			
5874	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 5	varh			
5876	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 6	varh			
5878	int	RD	Fund. reactive energy, sum. L1..L3, cap., tariff 7	varh			
5880	int	RD	Apparent energy, sum. L1..L3	VAh			
5882	int	RD	Apparent energy, sum. L1..L3, tariff 1	VAh			
5884	int	RD	Apparent energy, sum. L1..L3, tariff 2	VAh			
5886	int	RD	Apparent energy, sum. L1..L3, tariff 3	VAh			
5888	int	RD	Apparent energy, sum. L1..L3, tariff 4	VAh			
5890	int	RD	Apparent energy, sum. L1..L3, tariff 5	VAh			
5892	int	RD	Apparent energy, sum. L1..L3, tariff 6	VAh			
5894	int	RD	Apparent energy, sum. L1..L3, tariff 7	VAh			
5896	int	RD	Operation hours meter	s			
5898	int	RD	Total running time, comparator	s			
5900	int	RD	Total running time, comparator	s			
5902	int	RD	Total running time, comparator	s			
5904	int	RD	Total running time, comparator	s			
5906	int	RD	Total running time, comparator	s			
5908	int	RD	Total running time, comparator	s			

Energy values, type float

5000	float	RD/WR	Real energy, L1	Wh	-34e37	34e37
5002	float	RD/WR	Real energy, L1, tariff 1	Wh	-34e37	34e37
5004	float	RD/WR	Real energy, L1, tariff 2	Wh	-34e37	34e37
5006	float	RD/WR	Real energy, L1, tariff 3	Wh	-34e37	34e37
5008	float	RD/WR	Real energy, L1, tariff 4	Wh	-34e37	34e37
5010	float	RD/WR	Real energy, L1, tariff 5	Wh	-34e37	34e37
5012	float	RD/WR	Real energy, L1, tariff 6	Wh	-34e37	34e37
5014	float	RD/WR	Real energy, L1, tariff 7	Wh	-34e37	34e37
5016	float	RD/WR	Real energy, L1, consumed	Wh	-34e37	34e37
5018	float	RD/WR	Real energy, L1, consumed, tariff 1	Wh	-34e37	34e37
5020	float	RD/WR	Real energy, L1, consumed, tariff 2	Wh	-34e37	34e37
5022	float	RD/WR	Real energy, L1, consumed, tariff 3	Wh	-34e37	34e37
5024	float	RD/WR	Real energy, L1, consumed, tariff 4	Wh	-34e37	34e37
5026	float	RD/WR	Real energy, L1, consumed, tariff 5	Wh	-34e37	34e37
5028	float	RD/WR	Real energy, L1, consumed, tariff 6	Wh	-34e37	34e37
5030	float	RD/WR	Real energy, L1, consumed, tariff 7	Wh	-34e37	34e37
5032	float	RD/WR	Real energy, L1, delivered	Wh	-34e37	34e37
5034	float	RD/WR	Real energy, L1, delivered, tariff 1	Wh	-34e37	34e37
5036	float	RD/WR	Real energy, L1, delivered, tariff 2	Wh	-34e37	34e37
5038	float	RD/WR	Real energy, L1, delivered, tariff 3	Wh	-34e37	34e37
5040	float	RD/WR	Real energy, L1, delivered, tariff 4	Wh	-34e37	34e37
5042	float	RD/WR	Real energy, L1, delivered, tariff 5	Wh	-34e37	34e37

Address	Type	Access Right	Description	Unit	Min	Max	Default
5044	float	RD/WR	Real energy, L1, delivered, tariff 6	Wh	-34e37	34e37	
5046	float	RD/WR	Real energy, L1, delivered, tariff 7	Wh	-34e37	34e37	
5048	float	RD/WR	Fund. reactive energy, L1	varh	-34e37	34e37	
5050	float	RD/WR	Fund. reactive energy, L1, tariff 1	varh	-34e37	34e37	
5052	float	RD/WR	Fund. reactive energy, L1, tariff 2	varh	-34e37	34e37	
5054	float	RD/WR	Fund. reactive energy, L1, tariff 3	varh	-34e37	34e37	
5056	float	RD/WR	Fund. reactive energy, L1, tariff 4	varh	-34e37	34e37	
5058	float	RD/WR	Fund. reactive energy, L1, tariff 5	varh	-34e37	34e37	
5060	float	RD/WR	Fund. reactive energy, L1, tariff 6	varh	-34e37	34e37	
5062	float	RD/WR	Fund. reactive energy, L1, tariff 7	varh	-34e37	34e37	
5064	float	RD/WR	Fund. reactive energy, L1, ind.	varh	-34e37	34e37	
5066	float	RD/WR	Fund. reactive energy, L1, ind., tariff 1	varh	-34e37	34e37	
5068	float	RD/WR	Fund. reactive energy, L1, ind., tariff 2	varh	-34e37	34e37	
5070	float	RD/WR	Fund. reactive energy, L1, ind., tariff 3	varh	-34e37	34e37	
5072	float	RD/WR	Fund. reactive energy, L1, ind., tariff 4	varh	-34e37	34e37	
5074	float	RD/WR	Fund. reactive energy, L1, ind., tariff 5	varh	-34e37	34e37	
5076	float	RD/WR	Fund. reactive energy, L1, ind., tariff 6	varh	-34e37	34e37	
5078	float	RD/WR	Fund. reactive energy, L1, ind., tariff 7	varh	-34e37	34e37	
5080	float	RD/WR	Fund. reactive energy, L1, cap.	varh	-34e37	34e37	
5082	float	RD/WR	Fund. reactive energy, L1, cap., tariff 1	varh	-34e37	34e37	
5084	float	RD/WR	Fund. reactive energy, L1, cap., tariff 2	varh	-34e37	34e37	
5086	float	RD/WR	Fund. reactive energy, L1, cap., tariff 3	varh	-34e37	34e37	
5088	float	RD/WR	Fund. reactive energy, L1, cap., tariff 4	varh	-34e37	34e37	
5090	float	RD/WR	Fund. reactive energy, L1, cap., tariff 5	varh	-34e37	34e37	
5092	float	RD/WR	Fund. reactive energy, L1, cap., tariff 6	varh	-34e37	34e37	
5094	float	RD/WR	Fund. reactive energy, L1, cap., tariff 7	varh	-34e37	34e37	
5096	float	RD/WR	Apparent energy, L1,	VAh	-34e37	34e37	
5098	float	RD/WR	Apparent energy, L1, tariff 1	VAh	-34e37	34e37	
5100	float	RD/WR	Apparent energy, L1, tariff 2	VAh	-34e37	34e37	
5102	float	RD/WR	Apparent energy, L1, tariff 3	VAh	-34e37	34e37	
5104	float	RD/WR	Apparent energy, L1, tariff 4	VAh	-34e37	34e37	
5106	float	RD/WR	Apparent energy, L1, tariff 5	VAh	-34e37	34e37	
5108	float	RD/WR	Apparent energy, L1, tariff 6	VAh	-34e37	34e37	
5110	float	RD/WR	Apparent energy, L1, tariff 7	VAh	-34e37	34e37	
5112	float	RD/WR	Real energy, L2	Wh	-34e37	34e37	
5114	float	RD/WR	Real energy, L2, tariff 1	Wh	-34e37	34e37	
5116	float	RD/WR	Real energy, L2, tariff 2	Wh	-34e37	34e37	
5118	float	RD/WR	Real energy, L2, tariff 3	Wh	-34e37	34e37	
5120	float	RD/WR	Real energy, L2, tariff 4	Wh	-34e37	34e37	
5122	float	RD/WR	Real energy, L2, tariff 5	Wh	-34e37	34e37	
5124	float	RD/WR	Real energy, L2, tariff 6	Wh	-34e37	34e37	
5126	float	RD/WR	Real energy, L2, tariff 7	Wh	-34e37	34e37	
5128	float	RD/WR	Real energy, L2, consumed	Wh	-34e37	34e37	
5130	float	RD/WR	Real energy, L2, consumed, tariff 1	Wh	-34e37	34e37	
5132	float	RD/WR	Real energy, L2, consumed, tariff 2	Wh	-34e37	34e37	
5134	float	RD/WR	Real energy, L2, consumed, tariff 3	Wh	-34e37	34e37	
5136	float	RD/WR	Real energy, L2, consumed, tariff 4	Wh	-34e37	34e37	
5138	float	RD/WR	Real energy, L2, consumed, tariff 5	Wh	-34e37	34e37	

Address	Type	Access Right	Description	Unit	Min	Max	Default
5140	float	RD/WR	Real energy, L2, consumed, tariff 6	Wh	-34e37	34e37	
5142	float	RD/WR	Real energy, L2, consumed, tariff 7	Wh	-34e37	34e37	
5144	float	RD/WR	Real energy, L2, delivered	Wh	-34e37	34e37	
5146	float	RD/WR	Real energy, L2, delivered, tariff 1	Wh	-34e37	34e37	
5148	float	RD/WR	Real energy, L2, delivered, tariff 2	Wh	-34e37	34e37	
5150	float	RD/WR	Real energy, L2, delivered, tariff 3	Wh	-34e37	34e37	
5152	float	RD/WR	Real energy, L2, delivered, tariff 4	Wh	-34e37	34e37	
5154	float	RD/WR	Real energy, L2, delivered, tariff 5	Wh	-34e37	34e37	
5156	float	RD/WR	Real energy, L2, delivered, tariff 6	Wh	-34e37	34e37	
5158	float	RD/WR	Real energy, L2, delivered, tariff 7	Wh	-34e37	34e37	
5160	float	RD/WR	Fund. reactive energy, L2	varh	-34e37	34e37	
5162	float	RD/WR	Fund. reactive energy, L2, tariff 1	varh	-34e37	34e37	
5164	float	RD/WR	Fund. reactive energy, L2, tariff 2	varh	-34e37	34e37	
5166	float	RD/WR	Fund. reactive energy, L2, tariff 3	varh	-34e37	34e37	
5168	float	RD/WR	Fund. reactive energy, L2, tariff 4	varh	-34e37	34e37	
5170	float	RD/WR	Fund. reactive energy, L2, tariff 5	varh	-34e37	34e37	
5172	float	RD/WR	Fund. reactive energy, L2, tariff 6	varh	-34e37	34e37	
5174	float	RD/WR	Fund. reactive energy, L2, tariff 7	varh	-34e37	34e37	
5176	float	RD/WR	Fund. reactive energy, L2, ind.	varh	-34e37	34e37	
5178	float	RD/WR	Fund. reactive energy, L2, ind., tariff 1	varh	-34e37	34e37	
5180	float	RD/WR	Fund. reactive energy, L2, ind., tariff 2	varh	-34e37	34e37	
5182	float	RD/WR	Fund. reactive energy, L2, ind., tariff 3	varh	-34e37	34e37	
5184	float	RD/WR	Fund. reactive energy, L2, ind., tariff 4	varh	-34e37	34e37	
5186	float	RD/WR	Fund. reactive energy, L2, ind., tariff 5	varh	-34e37	34e37	
5188	float	RD/WR	Fund. reactive energy, L2, ind., tariff 6	varh	-34e37	34e37	
5190	float	RD/WR	Fund. reactive energy, L2, ind., tariff 7	varh	-34e37	34e37	
5192	float	RD/WR	Fund. reactive energy, L2, cap.	varh	-34e37	34e37	
5194	float	RD/WR	Fund. reactive energy, L2, cap., tariff 1	varh	-34e37	34e37	
5196	float	RD/WR	Fund. reactive energy, L2, cap., tariff 2	varh	-34e37	34e37	
5198	float	RD/WR	Fund. reactive energy, L2, cap., tariff 3	varh	-34e37	34e37	
5200	float	RD/WR	Fund. reactive energy, L2, cap., tariff 4	varh	-34e37	34e37	
5202	float	RD/WR	Fund. reactive energy, L2, cap., tariff 5	varh	-34e37	34e37	
5204	float	RD/WR	Fund. reactive energy, L2, cap., tariff 6	varh	-34e37	34e37	
5206	float	RD/WR	Fund. reactive energy, L2, cap., tariff 7	varh	-34e37	34e37	
5208	float	RD/WR	Apparent energy, L2	VAh	-34e37	34e37	
5210	float	RD/WR	Apparent energy, L2, tariff 1	VAh	-34e37	34e37	
5212	float	RD/WR	Apparent energy, L2, tariff 2	VAh	-34e37	34e37	
5214	float	RD/WR	Apparent energy, L2, tariff 3	VAh	-34e37	34e37	
5216	float	RD/WR	Apparent energy, L2, tariff 4	VAh	-34e37	34e37	
5218	float	RD/WR	Apparent energy, L2, tariff 5	VAh	-34e37	34e37	
5220	float	RD/WR	Apparent energy, L2, tariff 6	VAh	-34e37	34e37	
5222	float	RD/WR	Apparent energy, L2, tariff 7	VAh	-34e37	34e37	
5224	float	RD/WR	Real energy, L3	Wh	-34e37	34e37	
5226	float	RD/WR	Real energy, L3, tariff 1	Wh	-34e37	34e37	
5228	float	RD/WR	Real energy, L3, tariff 2	Wh	-34e37	34e37	
5230	float	RD/WR	Real energy, L3, tariff 3	Wh	-34e37	34e37	
5232	float	RD/WR	Real energy, L3, tariff 4	Wh	-34e37	34e37	
5234	float	RD/WR	Real energy, L3, tariff 5	Wh	-34e37	34e37	

Address	Type	Access Right	Description	Unit	Min	Max	Default
5236	float	RD/WR	Real energy, L3, tariff 6	Wh	-34e37	34e37	
5238	float	RD/WR	Real energy, L3, tariff 7	Wh	-34e37	34e37	
5240	float	RD/WR	Real energy, L3, consumed	Wh	-34e37	34e37	
5242	float	RD/WR	Real energy, L3, consumed, tariff 1	Wh	-34e37	34e37	
5244	float	RD/WR	Real energy, L3, consumed, tariff 2	Wh	-34e37	34e37	
5246	float	RD/WR	Real energy, L3, consumed, tariff 3	Wh	-34e37	34e37	
5248	float	RD/WR	Real energy, L3, consumed, tariff 4	Wh	-34e37	34e37	
5250	float	RD/WR	Real energy, L3, consumed, tariff 5	Wh	-34e37	34e37	
5252	float	RD/WR	Real energy, L3, consumed, tariff 6	Wh	-34e37	34e37	
5254	float	RD/WR	Real energy, L3, consumed, tariff 7	Wh	-34e37	34e37	
5256	float	RD/WR	Real energy, L3, delivered	Wh	-34e37	34e37	
5258	float	RD/WR	Real energy, L3, delivered, tariff 1	Wh	-34e37	34e37	
5260	float	RD/WR	Real energy, L3, delivered, tariff 2	Wh	-34e37	34e37	
5262	float	RD/WR	Real energy, L3, delivered, tariff 3	Wh	-34e37	34e37	
5264	float	RD/WR	Real energy, L3, delivered, tariff 4	Wh	-34e37	34e37	
5266	float	RD/WR	Real energy, L3, delivered, tariff 5	Wh	-34e37	34e37	
5268	float	RD/WR	Real energy, L3, delivered, tariff 6	Wh	-34e37	34e37	
5270	float	RD/WR	Real energy, L3, delivered, tariff 7	Wh	-34e37	34e37	
5272	float	RD/WR	Fund. reactive energy, L3	varh	-34e37	34e37	
5274	float	RD/WR	Fund. reactive energy, L3, tariff 1	varh	-34e37	34e37	
5276	float	RD/WR	Fund. reactive energy, L3, tariff 2	varh	-34e37	34e37	
5278	float	RD/WR	Fund. reactive energy, L3, tariff 3	varh	-34e37	34e37	
5280	float	RD/WR	Fund. reactive energy, L3, tariff 4	varh	-34e37	34e37	
5282	float	RD/WR	Fund. reactive energy, L3, tariff 5	varh	-34e37	34e37	
5284	float	RD/WR	Fund. reactive energy, L3, tariff 6	varh	-34e37	34e37	
5286	float	RD/WR	Fund. reactive energy, L3, tariff 7	varh	-34e37	34e37	
5288	float	RD/WR	Fund. reactive energy, L3, ind.	varh	-34e37	34e37	
5290	float	RD/WR	Fund. reactive energy, L3, ind., tariff 1	varh	-34e37	34e37	
5292	float	RD/WR	Fund. reactive energy, L3, ind., tariff 2	varh	-34e37	34e37	
5294	float	RD/WR	Fund. reactive energy, L3, ind., tariff 3	varh	-34e37	34e37	
5296	float	RD/WR	Fund. reactive energy, L3, ind., tariff 4	varh	-34e37	34e37	
5298	float	RD/WR	Fund. reactive energy, L3, ind., tariff 5	varh	-34e37	34e37	
5300	float	RD/WR	Fund. reactive energy, L3, ind., tariff 6	varh	-34e37	34e37	
5302	float	RD/WR	Fund. reactive energy, L3, ind., tariff 7	varh	-34e37	34e37	
5304	float	RD/WR	Fund. reactive energy, L3, cap.	varh	-34e37	34e37	
5306	float	RD/WR	Fund. reactive energy, L3, cap., tariff 1	varh	-34e37	34e37	
5308	float	RD/WR	Fund. reactive energy, L3, cap., tariff 2	varh	-34e37	34e37	
5310	float	RD/WR	Fund. reactive energy, L3, cap., tariff 3	varh	-34e37	34e37	
5312	float	RD/WR	Fund. reactive energy, L3, cap., tariff 4	varh	-34e37	34e37	
5314	float	RD/WR	Fund. reactive energy, L3, cap., tariff 5	varh	-34e37	34e37	
5316	float	RD/WR	Fund. reactive energy, L3, cap., tariff 6	varh	-34e37	34e37	
5318	float	RD/WR	Fund. reactive energy, L3, cap., tariff 7	varh	-34e37	34e37	
5320	float	RD/WR	Apparent energy, L3	VAh	-34e37	34e37	
5322	float	RD/WR	Apparent energy, L3, tariff 1	VAh	-34e37	34e37	
5324	float	RD/WR	Apparent energy, L3, tariff 2	VAh	-34e37	34e37	
5326	float	RD/WR	Apparent energy, L3, tariff 3	VAh	-34e37	34e37	
5328	float	RD/WR	Apparent energy, L3, tariff 4	VAh	-34e37	34e37	
5330	float	RD/WR	Apparent energy, L3, tariff 5	VAh	-34e37	34e37	

Address	Type	Access Right	Description	Unit	Min	Max	Default
5332	float	RD/WR	Apparent energy, L3, tariff 6	VAh	-34e37	34e37	
5334	float	RD/WR	Apparent energy, L3, tariff 7	VAh	-34e37	34e37	
5336	float	RD/WR	Real energy, sum. L1..L3	Wh	-34e37	34e37	
5338	float	RD/WR	Real energy, sum. L1..L3, tariff 1	Wh	-34e37	34e37	
5340	float	RD/WR	Real energy, sum. L1..L3, tariff 2	Wh	-34e37	34e37	
5342	float	RD/WR	Real energy, sum. L1..L3, tariff 3	Wh	-34e37	34e37	
5344	float	RD/WR	Real energy, sum. L1..L3, tariff 4	Wh	-34e37	34e37	
5346	float	RD/WR	Real energy, sum. L1..L3, tariff 5	Wh	-34e37	34e37	
5348	float	RD/WR	Real energy, sum. L1..L3, tariff 6	Wh	-34e37	34e37	
5350	float	RD/WR	Real energy, sum. L1..L3, tariff 7	Wh	-34e37	34e37	
5352	float	RD/WR	Real energy, sum. L1..L3, consumed	Wh	-34e37	34e37	
5354	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 1	Wh	-34e37	34e37	
5356	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 2	Wh	-34e37	34e37	
5358	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 3	Wh	-34e37	34e37	
5360	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 4	Wh	-34e37	34e37	
5362	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 5	Wh	-34e37	34e37	
5364	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 6	Wh	-34e37	34e37	
5366	float	RD/WR	Real energy, sum. L1..L3, consumed, tariff 7	Wh	-34e37	34e37	
5368	float	RD/WR	Real energy, sum. L1..L3, delivered	Wh	-34e37	34e37	
5370	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 1	Wh	-34e37	34e37	
5372	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 2	Wh	-34e37	34e37	
5374	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 3	Wh	-34e37	34e37	
5376	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 4	Wh	-34e37	34e37	
5378	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 5	Wh	-34e37	34e37	
5380	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 6	Wh	-34e37	34e37	
5382	float	RD/WR	Real energy, sum. L1..L3, delivered, tariff 7	Wh	-34e37	34e37	
5384	float	RD/WR	Fund. reactive energy, sum. L1..L3	varh	-34e37	34e37	
5386	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 1	varh	-34e37	34e37	
5388	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 2	varh	-34e37	34e37	
5390	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 3	varh	-34e37	34e37	
5392	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 4	varh	-34e37	34e37	
5394	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 5	varh	-34e37	34e37	
5396	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 6	varh	-34e37	34e37	

Address	Type	Access Right	Description	Unit	Min	Max	Default
5398	float	RD/WR	Fund. reactive energy, sum. L1..L3, tariff 7	varh	-34e37	34e37	
5400	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind.	varh	-34e37	34e37	
5402	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 1	varh	-34e37	34e37	
5404	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 2	varh	-34e37	34e37	
5406	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 3	varh	-34e37	34e37	
5408	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 4	varh	-34e37	34e37	
5410	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 5	varh	-34e37	34e37	
5412	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 6	varh	-34e37	34e37	
5414	float	RD/WR	Fund. reactive energy, sum. L1..L3, ind., tariff 7	varh	-34e37	34e37	
5416	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap.	varh	-34e37	34e37	
5418	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 1	varh	-34e37	34e37	
5420	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 2	varh	-34e37	34e37	
5422	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 3	varh	-34e37	34e37	
5424	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 4	varh	-34e37	34e37	
5426	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 5	varh	-34e37	34e37	
5428	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 6	varh	-34e37	34e37	
5430	float	RD/WR	Fund. reactive energy, sum. L1..L3, cap., tariff 7	varh	-34e37	34e37	
5432	float	RD/WR	Apparent energy, sum. L1..L3	VAh	-34e37	34e37	
5434	float	RD/WR	Apparent energy, sum. L1..L3, tariff 1	VAh	-34e37	34e37	
5436	float	RD/WR	Apparent energy, sum. L1..L3, tariff 2	VAh	-34e37	34e37	
5438	float	RD/WR	Apparent energy, sum. L1..L3, tariff 3	VAh	-34e37	34e37	
5440	float	RD/WR	Apparent energy, sum. L1..L3, tariff 4	VAh	-34e37	34e37	
5442	float	RD/WR	Apparent energy, sum. L1..L3, tariff 5	VAh	-34e37	34e37	
5444	float	RD/WR	Apparent energy, sum. L1..L3, tariff 6	VAh	-34e37	34e37	
5446	float	RD/WR	Apparent energy, sum. L1..L3, tariff 7	VAh	-34e37	34e37	

Address	Type	Access Right	Description	Unit	Min	Max	Default
Fourier analysis, measured values, float							
1000	float	RD	Measured value: 1. harmonic voltage L1	V			
1002	float	RD	Measured value: 2. harmonic voltage L1	V			
1004	float	RD	Measured value: 3. harmonic voltage L1	V			
1006	float	RD	Measured value: 4. harmonic voltage L1	V			
1008	float	RD	Measured value: 5. harmonic voltage L1	V			
1010	float	RD	Measured value: 6. harmonic voltage L1	V			
1012	float	RD	Measured value: 7. harmonic voltage L1	V			
1014	float	RD	Measured value: 8. harmonic voltage L1	V			
1016	float	RD	Measured value: 9. harmonic voltage L1	V			
1018	float	RD	Measured value: 10. harmonic voltage L1	V			
1020	float	RD	Measured value: 11. harmonic voltage L1	V			
1022	float	RD	Measured value: 12. harmonic voltage L1	V			
1024	float	RD	Measured value: 13. harmonic voltage L1	V			
1026	float	RD	Measured value: 14. harmonic voltage L1	V			
1028	float	RD	Measured value: 15. harmonic voltage L1	V			
1030	float	RD	Measured value: 16. harmonic voltage L1	V			
1032	float	RD	Measured value: 17. harmonic voltage L1	V			
1034	float	RD	Measured value: 18. harmonic voltage L1	V			
1036	float	RD	Measured value: 19. harmonic voltage L1	V			
1038	float	RD	Measured value: 20. harmonic voltage L1	V			
1040	float	RD	Measured value: 21. harmonic voltage L1	V			
1042	float	RD	Measured value: 22. harmonic voltage L1	V			
1044	float	RD	Measured value: 23. harmonic voltage L1	V			
1046	float	RD	Measured value: 24. harmonic voltage L1	V			
1048	float	RD	Measured value: 25. harmonic voltage L1	V			
1050	float	RD	Measured value: 26. harmonic voltage L1	V			
1052	float	RD	Measured value: 27. harmonic voltage L1	V			
1054	float	RD	Measured value: 28. harmonic voltage L1	V			
1056	float	RD	Measured value: 29. harmonic voltage L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1058	float	RD	Measured value: 30. harmonic voltage L1	V			
1060	float	RD	Measured value: 31. harmonic voltage L1	V			
1062	float	RD	Measured value: 32. harmonic voltage L1	V			
1064	float	RD	Measured value: 33. harmonic voltage L1	V			
1066	float	RD	Measured value: 34. harmonic voltage L1	V			
1068	float	RD	Measured value: 35. harmonic voltage L1	V			
1070	float	RD	Measured value: 36. harmonic voltage L1	V			
1072	float	RD	Measured value: 37. harmonic voltage L1	V			
1074	float	RD	Measured value: 38. harmonic voltage L1	V			
1076	float	RD	Measured value: 39. harmonic voltage L1	V			
1078	float	RD	Measured value: 40. harmonic voltage L1	V			
1080	float	RD	Measured value: 1. harmonic voltage L2	V			
1082	float	RD	Measured value: 2. harmonic voltage L2	V			
1084	float	RD	Measured value: 3. harmonic voltage L2	V			
1086	float	RD	Measured value: 4. harmonic voltage L2	V			
1088	float	RD	Measured value: 5. harmonic voltage L2	V			
1090	float	RD	Measured value: 6. harmonic voltage L2	V			
1092	float	RD	Measured value: 7. harmonic voltage L2	V			
1094	float	RD	Measured value: 8. harmonic voltage L2	V			
1096	float	RD	Measured value: 9. harmonic voltage L2	V			
1098	float	RD	Measured value: 10. harmonic voltage L2	V			
1100	float	RD	Measured value: 11. harmonic voltage L2	V			
1102	float	RD	Measured value: 12. harmonic voltage L2	V			
1104	float	RD	Measured value: 13. harmonic voltage L2	V			
1106	float	RD	Measured value: 14. harmonic voltage L2	V			
1108	float	RD	Measured value: 15. harmonic voltage L2	V			
1110	float	RD	Measured value: 16. harmonic voltage L2	V			
1112	float	RD	Measured value: 17. harmonic voltage L2	V			
1114	float	RD	Measured value: 18. harmonic voltage L2	V			
1116	float	RD	Measured value: 19. harmonic voltage L2	V			
1118	float	RD	Measured value: 20. harmonic voltage L2	V			
1120	float	RD	Measured value: 21. harmonic voltage L2	V			
1122	float	RD	Measured value: 22. harmonic voltage L2	V			
1124	float	RD	Measured value: 23. harmonic voltage L2	V			
1126	float	RD	Measured value: 24. harmonic voltage L2	V			
1128	float	RD	Measured value: 25. harmonic voltage L2	V			
1130	float	RD	Measured value: 26. harmonic voltage L2	V			
1132	float	RD	Measured value: 27. harmonic voltage L2	V			
1134	float	RD	Measured value: 28. harmonic voltage L2	V			
1136	float	RD	Measured value: 29. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1138	float	RD	Measured value: 30. harmonic voltage L2	V			
1140	float	RD	Measured value: 31. harmonic voltage L2	V			
1142	float	RD	Measured value: 32. harmonic voltage L2	V			
1144	float	RD	Measured value: 33. harmonic voltage L2	V			
1146	float	RD	Measured value: 34. harmonic voltage L2	V			
1148	float	RD	Measured value: 35. harmonic voltage L2	V			
1150	float	RD	Measured value: 36. harmonic voltage L2	V			
1152	float	RD	Measured value: 37. harmonic voltage L2	V			
1154	float	RD	Measured value: 38. harmonic voltage L2	V			
1156	float	RD	Measured value: 39. harmonic voltage L2	V			
1158	float	RD	Measured value: 40. harmonic voltage L2	V			
1160	float	RD	Measured value: 1. harmonic voltage L3	V			
1162	float	RD	Measured value: 2. harmonic voltage L3	V			
1164	float	RD	Measured value: 3. harmonic voltage L3	V			
1166	float	RD	Measured value: 4. harmonic voltage L3	V			
1168	float	RD	Measured value: 5. harmonic voltage L3	V			
1170	float	RD	Measured value: 6. harmonic voltage L3	V			
1172	float	RD	Measured value: 7. harmonic voltage L3	V			
1174	float	RD	Measured value: 8. harmonic voltage L3	V			
1176	float	RD	Measured value: 9. harmonic voltage L3	V			
1178	float	RD	Measured value: 10. harmonic voltage L3	V			
1180	float	RD	Measured value: 11. harmonic voltage L3	V			
1182	float	RD	Measured value: 12. harmonic voltage L3	V			
1184	float	RD	Measured value: 13. harmonic voltage L3	V			
1186	float	RD	Measured value: 14. harmonic voltage L3	V			
1188	float	RD	Measured value: 15. harmonic voltage L3	V			
1190	float	RD	Measured value: 16. harmonic voltage L3	V			
1192	float	RD	Measured value: 17. harmonic voltage L3	V			
1194	float	RD	Measured value: 18. harmonic voltage L3	V			
1196	float	RD	Measured value: 19. harmonic voltage L3	V			
1198	float	RD	Measured value: 20. harmonic voltage L3	V			
1200	float	RD	Measured value: 21. harmonic voltage L3	V			
1202	float	RD	Measured value: 22. harmonic voltage L3	V			
1204	float	RD	Measured value: 23. harmonic voltage L3	V			
1206	float	RD	Measured value: 24. harmonic voltage L3	V			
1208	float	RD	Measured value: 25. harmonic voltage L3	V			
1210	float	RD	Measured value: 26. harmonic voltage L3	V			
1212	float	RD	Measured value: 27. harmonic voltage L3	V			
1214	float	RD	Measured value: 28. harmonic voltage L3	V			
1216	float	RD	Measured value: 29. harmonic voltage L3	V			
1218	float	RD	Measured value: 30. harmonic voltage L3	V			
1220	float	RD	Measured value: 31. harmonic voltage L3	V			
1222	float	RD	Measured value: 32. harmonic voltage L3	V			
1224	float	RD	Measured value: 33. harmonic voltage L3	V			
1226	float	RD	Measured value: 34. harmonic voltage L3	V			
1228	float	RD	Measured value: 35. harmonic voltage L3	V			
1230	float	RD	Measured value: 36. harmonic voltage L3	V			
1232	float	RD	Measured value: 37. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1234	float	RD	Measured value: 38. harmonic voltage L3	V			
1236	float	RD	Measured value: 39. harmonic voltage L3	V			
1238	float	RD	Measured value: 40. harmonic voltage L3	V			
1240	float	RD	Measured value: 1. harmonic voltage L1-L2	V			
1242	float	RD	Measured value: 2. harmonic voltage L1-L2	V			
1244	float	RD	Measured value: 3. harmonic voltage L1-L2	V			
1246	float	RD	Measured value: 4. harmonic voltage L1-L2	V			
1248	float	RD	Measured value: 5. harmonic voltage L1-L2	V			
1250	float	RD	Measured value: 6. harmonic voltage L1-L2	V			
1252	float	RD	Measured value: 7. harmonic voltage L1-L2	V			
1254	float	RD	Measured value: 8. harmonic voltage L1-L2	V			
1256	float	RD	Measured value: 9. harmonic voltage L1-L2	V			
1258	float	RD	Measured value: 10. harmonic voltage L1-L2	V			
1260	float	RD	Measured value: 11. harmonic voltage L1-L2	V			
1262	float	RD	Measured value: 12. harmonic voltage L1-L2	V			
1264	float	RD	Measured value: 13. harmonic voltage L1-L2	V			
1266	float	RD	Measured value: 14. harmonic voltage L1-L2	V			
1268	float	RD	Measured value: 15. harmonic voltage L1-L2	V			
1270	float	RD	Measured value: 16. harmonic voltage L1-L2	V			
1272	float	RD	Measured value: 17. harmonic voltage L1-L2	V			
1274	float	RD	Measured value: 18. harmonic voltage L1-L2	V			
1276	float	RD	Measured value: 19. harmonic voltage L1-L2	V			
1278	float	RD	Measured value: 20. harmonic voltage L1-L2	V			
1280	float	RD	Measured value: 21. harmonic voltage L1-L2	V			
1282	float	RD	Measured value: 22. harmonic voltage L1-L2	V			
1284	float	RD	Measured value: 23. harmonic voltage L1-L2	V			
1286	float	RD	Measured value: 24. harmonic voltage L1-L2	V			
1288	float	RD	Measured value: 25. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1290	float	RD	Measured value: 26. harmonic voltage L1-L2	V			
1292	float	RD	Measured value: 27. harmonic voltage L1-L2	V			
1294	float	RD	Measured value: 28. harmonic voltage L1-L2	V			
1296	float	RD	Measured value: 29. harmonic voltage L1-L2	V			
1298	float	RD	Measured value: 30. harmonic voltage L1-L2	V			
1300	float	RD	Measured value: 31. harmonic voltage L1-L2	V			
1302	float	RD	Measured value: 32. harmonic voltage L1-L2	V			
1304	float	RD	Measured value: 33. harmonic voltage L1-L2	V			
1306	float	RD	Measured value: 34. harmonic voltage L1-L2	V			
1308	float	RD	Measured value: 35. harmonic voltage L1-L2	V			
1310	float	RD	Measured value: 36. harmonic voltage L1-L2	V			
1312	float	RD	Measured value: 37. harmonic voltage L1-L2	V			
1314	float	RD	Measured value: 38. harmonic voltage L1-L2	V			
1316	float	RD	Measured value: 39. harmonic voltage L1-L2	V			
1318	float	RD	Measured value: 40. harmonic voltage L1-L2	V			
1320	float	RD	Measured value: 1. harmonic voltage L2-L3	V			
1322	float	RD	Measured value: 2. harmonic voltage L2-L3	V			
1324	float	RD	Measured value: 3. harmonic voltage L2-L3	V			
1326	float	RD	Measured value: 4. harmonic voltage L2-L3	V			
1328	float	RD	Measured value: 5. harmonic voltage L2-L3	V			
1330	float	RD	Measured value: 6. harmonic voltage L2-L3	V			
1332	float	RD	Measured value: 7. harmonic voltage L2-L3	V			
1334	float	RD	Measured value: 8. harmonic voltage L2-L3	V			
1336	float	RD	Measured value: 9. harmonic voltage L2-L3	V			
1338	float	RD	Measured value: 10. harmonic voltage L2-L3	V			
1340	float	RD	Measured value: 11. harmonic voltage L2-L3	V			
1342	float	RD	Measured value: 12. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1344	float	RD	Measured value: 13. harmonic voltage L2-L3	V			
1346	float	RD	Measured value: 14. harmonic voltage L2-L3	V			
1348	float	RD	Measured value: 15. harmonic voltage L2-L3	V			
1350	float	RD	Measured value: 16. harmonic voltage L2-L3	V			
1352	float	RD	Measured value: 17. harmonic voltage L2-L3	V			
1354	float	RD	Measured value: 18. harmonic voltage L2-L3	V			
1356	float	RD	Measured value: 19. harmonic voltage L2-L3	V			
1358	float	RD	Measured value: 20. harmonic voltage L2-L3	V			
1360	float	RD	Measured value: 21. harmonic voltage L2-L3	V			
1362	float	RD	Measured value: 22. harmonic voltage L2-L3	V			
1364	float	RD	Measured value: 23. harmonic voltage L2-L3	V			
1366	float	RD	Measured value: 24. harmonic voltage L2-L3	V			
1368	float	RD	Measured value: 25. harmonic voltage L2-L3	V			
1370	float	RD	Measured value: 26. harmonic voltage L2-L3	V			
1372	float	RD	Measured value: 27. harmonic voltage L2-L3	V			
1374	float	RD	Measured value: 28. harmonic voltage L2-L3	V			
1376	float	RD	Measured value: 29. harmonic voltage L2-L3	V			
1378	float	RD	Measured value: 30. harmonic voltage L2-L3	V			
1380	float	RD	Measured value: 31. harmonic voltage L2-L3	V			
1382	float	RD	Measured value: 32. harmonic voltage L2-L3	V			
1384	float	RD	Measured value: 33. harmonic voltage L2-L3	V			
1386	float	RD	Measured value: 34. harmonic voltage L2-L3	V			
1388	float	RD	Measured value: 35. harmonic voltage L2-L3	V			
1390	float	RD	Measured value: 36. harmonic voltage L2-L3	V			
1392	float	RD	Measured value: 37. harmonic voltage L2-L3	V			
1394	float	RD	Measured value: 38. harmonic voltage L2-L3	V			
1396	float	RD	Measured value: 39. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1398	float	RD	Measured value: 40. harmonic voltage L2-L3	V			
1400	float	RD	Measured value: 1. harmonic voltage L3-L1	V			
1402	float	RD	Measured value: 2. harmonic voltage L3-L1	V			
1404	float	RD	Measured value: 3. harmonic voltage L3-L1	V			
1406	float	RD	Measured value: 4. harmonic voltage L3-L1	V			
1408	float	RD	Measured value: 5. harmonic voltage L3-L1	V			
1410	float	RD	Measured value: 6. harmonic voltage L3-L1	V			
1412	float	RD	Measured value: 7. harmonic voltage L3-L1	V			
1414	float	RD	Measured value: 8. harmonic voltage L3-L1	V			
1416	float	RD	Measured value: 9. harmonic voltage L3-L1	V			
1418	float	RD	Measured value: 10. harmonic voltage L3-L1	V			
1420	float	RD	Measured value: 11. harmonic voltage L3-L1	V			
1422	float	RD	Measured value: 12. harmonic voltage L3-L1	V			
1424	float	RD	Measured value: 13. harmonic voltage L3-L1	V			
1426	float	RD	Measured value: 14. harmonic voltage L3-L1	V			
1428	float	RD	Measured value: 15. harmonic voltage L3-L1	V			
1430	float	RD	Measured value: 16. harmonic voltage L3-L1	V			
1432	float	RD	Measured value: 17. harmonic voltage L3-L1	V			
1434	float	RD	Measured value: 18. harmonic voltage L3-L1	V			
1436	float	RD	Measured value: 19. harmonic voltage L3-L1	V			
1438	float	RD	Measured value: 20. harmonic voltage L3-L1	V			
1440	float	RD	Measured value: 21. harmonic voltage L3-L1	V			
1442	float	RD	Measured value: 22. harmonic voltage L3-L1	V			
1444	float	RD	Measured value: 23. harmonic voltage L3-L1	V			
1446	float	RD	Measured value: 24. harmonic voltage L3-L1	V			
1448	float	RD	Measured value: 25. harmonic voltage L3-L1	V			
1450	float	RD	Measured value: 26. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1452	float	RD	Measured value: 27. harmonic voltage L3-L1	V			
1454	float	RD	Measured value: 28. harmonic voltage L3-L1	V			
1456	float	RD	Measured value: 29. harmonic voltage L3-L1	V			
1458	float	RD	Measured value: 30. harmonic voltage L3-L1	V			
1460	float	RD	Measured value: 31. harmonic voltage L3-L1	V			
1462	float	RD	Measured value: 32. harmonic voltage L3-L1	V			
1464	float	RD	Measured value: 33. harmonic voltage L3-L1	V			
1466	float	RD	Measured value: 34. harmonic voltage L3-L1	V			
1468	float	RD	Measured value: 35. harmonic voltage L3-L1	V			
1470	float	RD	Measured value: 36. harmonic voltage L3-L1	V			
1472	float	RD	Measured value: 37. harmonic voltage L3-L1	V			
1474	float	RD	Measured value: 38. harmonic voltage L3-L1	V			
1476	float	RD	Measured value: 39. harmonic voltage L3-L1	V			
1478	float	RD	Measured value: 40. harmonic voltage L3-L1	V			
1480	float	RD	Measured value: 1. harmonic current L1	A			
1482	float	RD	Measured value: 2. harmonic current L1	A			
1484	float	RD	Measured value: 3. harmonic current L1	A			
1486	float	RD	Measured value: 4. harmonic current L1	A			
1488	float	RD	Measured value: 5. harmonic current L1	A			
1490	float	RD	Measured value: 6. harmonic current L1	A			
1492	float	RD	Measured value: 7. harmonic current L1	A			
1494	float	RD	Measured value: 8. harmonic current L1	A			
1496	float	RD	Measured value: 9. harmonic current L1	A			
1498	float	RD	Measured value: 10. harmonic current L1	A			
1500	float	RD	Measured value: 11. harmonic current L1	A			
1502	float	RD	Measured value: 12. harmonic current L1	A			
1504	float	RD	Measured value: 13. harmonic current L1	A			
1506	float	RD	Measured value: 14. harmonic current L1	A			
1508	float	RD	Measured value: 15. harmonic current L1	A			
1510	float	RD	Measured value: 16. harmonic current L1	A			
1512	float	RD	Measured value: 17. harmonic current L1	A			
1514	float	RD	Measured value: 18. harmonic current L1	A			
1516	float	RD	Measured value: 19. harmonic current L1	A			
1518	float	RD	Measured value: 20. harmonic current L1	A			
1520	float	RD	Measured value: 21. harmonic current L1	A			
1522	float	RD	Measured value: 22. harmonic current L1	A			
1524	float	RD	Measured value: 23. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1526	float	RD	Measured value: 24. harmonic current L1	A			
1528	float	RD	Measured value: 25. harmonic current L1	A			
1530	float	RD	Measured value: 26. harmonic current L1	A			
1532	float	RD	Measured value: 27. harmonic current L1	A			
1534	float	RD	Measured value: 28. harmonic current L1	A			
1536	float	RD	Measured value: 29. harmonic current L1	A			
1538	float	RD	Measured value: 30. harmonic current L1	A			
1540	float	RD	Measured value: 31. harmonic current L1	A			
1542	float	RD	Measured value: 32. harmonic current L1	A			
1544	float	RD	Measured value: 33. harmonic current L1	A			
1546	float	RD	Measured value: 34. harmonic current L1	A			
1548	float	RD	Measured value: 35. harmonic current L1	A			
1550	float	RD	Measured value: 36. harmonic current L1	A			
1552	float	RD	Measured value: 37. harmonic current L1	A			
1554	float	RD	Measured value: 38. harmonic current L1	A			
1556	float	RD	Measured value: 39. harmonic current L1	A			
1558	float	RD	Measured value: 40. harmonic current L1	A			
1560	float	RD	Measured value: 1. harmonic current L2	A			
1562	float	RD	Measured value: 2. harmonic current L2	A			
1564	float	RD	Measured value: 3. harmonic current L2	A			
1566	float	RD	Measured value: 4. harmonic current L2	A			
1568	float	RD	Measured value: 5. harmonic current L2	A			
1570	float	RD	Measured value: 6. harmonic current L2	A			
1572	float	RD	Measured value: 7. harmonic current L2	A			
1574	float	RD	Measured value: 8. harmonic current L2	A			
1576	float	RD	Measured value: 9. harmonic current L2	A			
1578	float	RD	Measured value: 10. harmonic current L2	A			
1580	float	RD	Measured value: 11. harmonic current L2	A			
1582	float	RD	Measured value: 12. harmonic current L2	A			
1584	float	RD	Measured value: 13. harmonic current L2	A			
1586	float	RD	Measured value: 14. harmonic current L2	A			
1588	float	RD	Measured value: 15. harmonic current L2	A			
1590	float	RD	Measured value: 16. harmonic current L2	A			
1592	float	RD	Measured value: 17. harmonic current L2	A			
1594	float	RD	Measured value: 18. harmonic current L2	A			
1596	float	RD	Measured value: 19. harmonic current L2	A			
1598	float	RD	Measured value: 20. harmonic current L2	A			
1600	float	RD	Measured value: 21. harmonic current L2	A			
1602	float	RD	Measured value: 22. harmonic current L2	A			
1604	float	RD	Measured value: 23. harmonic current L2	A			
1606	float	RD	Measured value: 24. harmonic current L2	A			
1608	float	RD	Measured value: 25. harmonic current L2	A			
1610	float	RD	Measured value: 26. harmonic current L2	A			
1612	float	RD	Measured value: 27. harmonic current L2	A			
1614	float	RD	Measured value: 28. harmonic current L2	A			
1616	float	RD	Measured value: 29. harmonic current L2	A			
1618	float	RD	Measured value: 30. harmonic current L2	A			
1620	float	RD	Measured value: 31. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1622	float	RD	Measured value: 32. harmonic current L2	A			
1624	float	RD	Measured value: 33. harmonic current L2	A			
1626	float	RD	Measured value: 34. harmonic current L2	A			
1628	float	RD	Measured value: 35. harmonic current L2	A			
1630	float	RD	Measured value: 36. harmonic current L2	A			
1632	float	RD	Measured value: 37. harmonic current L2	A			
1634	float	RD	Measured value: 38. harmonic current L2	A			
1636	float	RD	Measured value: 39. harmonic current L2	A			
1638	float	RD	Measured value: 40. harmonic current L2	A			
1640	float	RD	Measured value: 1. harmonic current L3	A			
1642	float	RD	Measured value: 2. harmonic current L3	A			
1644	float	RD	Measured value: 3. harmonic current L3	A			
1646	float	RD	Measured value: 4. harmonic current L3	A			
1648	float	RD	Measured value: 5. harmonic current L3	A			
1650	float	RD	Measured value: 6. harmonic current L3	A			
1652	float	RD	Measured value: 7. harmonic current L3	A			
1654	float	RD	Measured value: 8. harmonic current L3	A			
1656	float	RD	Measured value: 9. harmonic current L3	A			
1658	float	RD	Measured value: 10. harmonic current L3	A			
1660	float	RD	Measured value: 11. harmonic current L3	A			
1662	float	RD	Measured value: 12. harmonic current L3	A			
1664	float	RD	Measured value: 13. harmonic current L3	A			
1666	float	RD	Measured value: 14. harmonic current L3	A			
1668	float	RD	Measured value: 15. harmonic current L3	A			
1670	float	RD	Measured value: 16. harmonic current L3	A			
1672	float	RD	Measured value: 17. harmonic current L3	A			
1674	float	RD	Measured value: 18. harmonic current L3	A			
1676	float	RD	Measured value: 19. harmonic current L3	A			
1678	float	RD	Measured value: 20. harmonic current L3	A			
1680	float	RD	Measured value: 21. harmonic current L3	A			
1682	float	RD	Measured value: 22. harmonic current L3	A			
1684	float	RD	Measured value: 23. harmonic current L3	A			
1686	float	RD	Measured value: 24. harmonic current L3	A			
1688	float	RD	Measured value: 25. harmonic current L3	A			
1690	float	RD	Measured value: 26. harmonic current L3	A			
1692	float	RD	Measured value: 27. harmonic current L3	A			
1694	float	RD	Measured value: 28. harmonic current L3	A			
1696	float	RD	Measured value: 29. harmonic current L3	A			
1698	float	RD	Measured value: 30. harmonic current L3	A			
1700	float	RD	Measured value: 31. harmonic current L3	A			
1702	float	RD	Measured value: 32. harmonic current L3	A			
1704	float	RD	Measured value: 33. harmonic current L3	A			
1706	float	RD	Measured value: 34. harmonic current L3	A			
1708	float	RD	Measured value: 35. harmonic current L3	A			
1710	float	RD	Measured value: 36. harmonic current L3	A			
1712	float	RD	Measured value: 37. harmonic current L3	A			
1714	float	RD	Measured value: 38. harmonic current L3	A			
1716	float	RD	Measured value: 39. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1718	float	RD	Measured value: 40. harmonic current L3	A			

Fourier analysis, measured values, short

3536	short (x10)	RD	Measured value: 1. harmonic voltage L1	V			
3537	short (x10)	RD	Measured value: 2. harmonic voltage L1	V			
3538	short (x10)	RD	Measured value: 3. harmonic voltage L1	V			
3539	short (x10)	RD	Measured value: 4. harmonic voltage L1	V			
3540	short (x10)	RD	Measured value: 5. harmonic voltage L1	V			
3541	short (x10)	RD	Measured value: 6. harmonic voltage L1	V			
3542	short (x10)	RD	Measured value: 7. harmonic voltage L1	V			
3543	short (x10)	RD	Measured value: 8. harmonic voltage L1	V			
3544	short (x10)	RD	Measured value: 9. harmonic voltage L1	V			
3545	short (x10)	RD	Measured value: 10. harmonic voltage L1	V			
3546	short (x10)	RD	Measured value: 11. harmonic voltage L1	V			
3547	short (x10)	RD	Measured value: 12. harmonic voltage L1	V			
3548	short (x10)	RD	Measured value: 13. harmonic voltage L1	V			
3549	short (x10)	RD	Measured value: 14. harmonic voltage L1	V			
3550	short (x10)	RD	Measured value: 15. harmonic voltage L1	V			
3551	short (x10)	RD	Measured value: 16. harmonic voltage L1	V			
3552	short (x10)	RD	Measured value: 17. harmonic voltage L1	V			
3553	short (x10)	RD	Measured value: 18. harmonic voltage L1	V			
3554	short (x10)	RD	Measured value: 19. harmonic voltage L1	V			
3555	short (x10)	RD	Measured value: 20. harmonic voltage L1	V			
3556	short (x10)	RD	Measured value: 21. harmonic voltage L1	V			
3557	short (x10)	RD	Measured value: 22. harmonic voltage L1	V			
3558	short (x10)	RD	Measured value: 23. harmonic voltage L1	V			
3559	short (x10)	RD	Measured value: 24. harmonic voltage L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3560	short (x10)	RD	Measured value: 25. harmonic voltage L1	V			
3561	short (x10)	RD	Measured value: 26. harmonic voltage L1	V			
3562	short (x10)	RD	Measured value: 27. harmonic voltage L1	V			
3563	short (x10)	RD	Measured value: 28. harmonic voltage L1	V			
3564	short (x10)	RD	Measured value: 29. harmonic voltage L1	V			
3565	short (x10)	RD	Measured value: 30. harmonic voltage L1	V			
3566	short (x10)	RD	Measured value: 31. harmonic voltage L1	V			
3567	short (x10)	RD	Measured value: 32. harmonic voltage L1	V			
3568	short (x10)	RD	Measured value: 33. harmonic voltage L1	V			
3569	short (x10)	RD	Measured value: 34. harmonic voltage L1	V			
3570	short (x10)	RD	Measured value: 35. harmonic voltage L1	V			
3571	short (x10)	RD	Measured value: 36. harmonic voltage L1	V			
3572	short (x10)	RD	Measured value: 37. harmonic voltage L1	V			
3573	short (x10)	RD	Measured value: 38. harmonic voltage L1	V			
3574	short (x10)	RD	Measured value: 39. harmonic voltage L1	V			
3575	short (x10)	RD	Measured value: 40. harmonic voltage L1	V			
3576	short (x10)	RD	Measured value: 1. harmonic voltage L2	V			
3577	short (x10)	RD	Measured value: 2. harmonic voltage L2	V			
3578	short (x10)	RD	Measured value: 3. harmonic voltage L2	V			
3579	short (x10)	RD	Measured value: 4. harmonic voltage L2	V			
3580	short (x10)	RD	Measured value: 5. harmonic voltage L2	V			
3581	short (x10)	RD	Measured value: 6. harmonic voltage L2	V			
3582	short (x10)	RD	Measured value: 7. harmonic voltage L2	V			
3583	short (x10)	RD	Measured value: 8. harmonic voltage L2	V			
3584	short (x10)	RD	Measured value: 9. harmonic voltage L2	V			
3585	short (x10)	RD	Measured value: 10. harmonic voltage L2	V			
3586	short (x10)	RD	Measured value: 11. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3587	short (x10)	RD	Measured value: 12. harmonic voltage L2	V			
3588	short (x10)	RD	Measured value: 13. harmonic voltage L2	V			
3589	short (x10)	RD	Measured value: 14. harmonic voltage L2	V			
3590	short (x10)	RD	Measured value: 15. harmonic voltage L2	V			
3591	short (x10)	RD	Measured value: 16. harmonic voltage L2	V			
3592	short (x10)	RD	Measured value: 17. harmonic voltage L2	V			
3593	short (x10)	RD	Measured value: 18. harmonic voltage L2	V			
3594	short (x10)	RD	Measured value: 19. harmonic voltage L2	V			
3595	short (x10)	RD	Measured value: 20. harmonic voltage L2	V			
3596	short (x10)	RD	Measured value: 21. harmonic voltage L2	V			
3597	short (x10)	RD	Measured value: 22. harmonic voltage L2	V			
3598	short (x10)	RD	Measured value: 23. harmonic voltage L2	V			
3599	short (x10)	RD	Measured value: 24. harmonic voltage L2	V			
3600	short (x10)	RD	Measured value: 25. harmonic voltage L2	V			
3601	short (x10)	RD	Measured value: 26. harmonic voltage L2	V			
3602	short (x10)	RD	Measured value: 27. harmonic voltage L2	V			
3603	short (x10)	RD	Measured value: 28. harmonic voltage L2	V			
3604	short (x10)	RD	Measured value: 29. harmonic voltage L2	V			
3605	short (x10)	RD	Measured value: 30. harmonic voltage L2	V			
3606	short (x10)	RD	Measured value: 31. harmonic voltage L2	V			
3607	short (x10)	RD	Measured value: 32. harmonic voltage L2	V			
3608	short (x10)	RD	Measured value: 33. harmonic voltage L2	V			
3609	short (x10)	RD	Measured value: 34. harmonic voltage L2	V			
3610	short (x10)	RD	Measured value: 35. harmonic voltage L2	V			
3611	short (x10)	RD	Measured value: 36. harmonic voltage L2	V			
3612	short (x10)	RD	Measured value: 37. harmonic voltage L2	V			
3613	short (x10)	RD	Measured value: 38. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3614	short (x10)	RD	Measured value: 39. harmonic voltage L2	V			
3615	short (x10)	RD	Measured value: 40. harmonic voltage L2	V			
3616	short (x10)	RD	Measured value: 1. harmonic voltage L3	V			
3617	short (x10)	RD	Measured value: 2. harmonic voltage L3	V			
3618	short (x10)	RD	Measured value: 3. harmonic voltage L3	V			
3619	short (x10)	RD	Measured value: 4. harmonic voltage L3	V			
3620	short (x10)	RD	Measured value: 5. harmonic voltage L3	V			
3621	short (x10)	RD	Measured value: 6. harmonic voltage L3	V			
3622	short (x10)	RD	Measured value: 7. harmonic voltage L3	V			
3623	short (x10)	RD	Measured value: 8. harmonic voltage L3	V			
3624	short (x10)	RD	Measured value: 9. harmonic voltage L3	V			
3625	short (x10)	RD	Measured value: 10. harmonic voltage L3	V			
3626	short (x10)	RD	Measured value: 11. harmonic voltage L3	V			
3627	short (x10)	RD	Measured value: 12. harmonic voltage L3	V			
3628	short (x10)	RD	Measured value: 13. harmonic voltage L3	V			
3629	short (x10)	RD	Measured value: 14. harmonic voltage L3	V			
3630	short (x10)	RD	Measured value: 15. harmonic voltage L3	V			
3631	short (x10)	RD	Measured value: 16. harmonic voltage L3	V			
3632	short (x10)	RD	Measured value: 17. harmonic voltage L3	V			
3633	short (x10)	RD	Measured value: 18. harmonic voltage L3	V			
3634	short (x10)	RD	Measured value: 19. harmonic voltage L3	V			
3635	short (x10)	RD	Measured value: 20. harmonic voltage L3	V			
3636	short (x10)	RD	Measured value: 21. harmonic voltage L3	V			
3637	short (x10)	RD	Measured value: 22. harmonic voltage L3	V			
3638	short (x10)	RD	Measured value: 23. harmonic voltage L3	V			
3639	short (x10)	RD	Measured value: 24. harmonic voltage L3	V			
3640	short (x10)	RD	Measured value: 25. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3641	short (x10)	RD	Measured value: 26. harmonic voltage L3	V			
3642	short (x10)	RD	Measured value: 27. harmonic voltage L3	V			
3643	short (x10)	RD	Measured value: 28. harmonic voltage L3	V			
3644	short (x10)	RD	Measured value: 29. harmonic voltage L3	V			
3645	short (x10)	RD	Measured value: 30. harmonic voltage L3	V			
3646	short (x10)	RD	Measured value: 31. harmonic voltage L3	V			
3647	short (x10)	RD	Measured value: 32. harmonic voltage L3	V			
3648	short (x10)	RD	Measured value: 33. harmonic voltage L3	V			
3649	short (x10)	RD	Measured value: 34. harmonic voltage L3	V			
3650	short (x10)	RD	Measured value: 35. harmonic voltage L3	V			
3651	short (x10)	RD	Measured value: 36. harmonic voltage L3	V			
3652	short (x10)	RD	Measured value: 37. harmonic voltage L3	V			
3653	short (x10)	RD	Measured value: 38. harmonic voltage L3	V			
3654	short (x10)	RD	Measured value: 39. harmonic voltage L3	V			
3655	short (x10)	RD	Measured value: 40. harmonic voltage L3	V			
3656	short (x10)	RD	Measured value: 1. harmonic voltage L1-L2	V			
3657	short (x10)	RD	Measured value: 2. harmonic voltage L1-L2	V			
3658	short (x10)	RD	Measured value: 3. harmonic voltage L1-L2	V			
3659	short (x10)	RD	Measured value: 4. harmonic voltage L1-L2	V			
3660	short (x10)	RD	Measured value: 5. harmonic voltage L1-L2	V			
3661	short (x10)	RD	Measured value: 6. harmonic voltage L1-L2	V			
3662	short (x10)	RD	Measured value: 7. harmonic voltage L1-L2	V			
3663	short (x10)	RD	Measured value: 8. harmonic voltage L1-L2	V			
3664	short (x10)	RD	Measured value: 9. harmonic voltage L1-L2	V			
3665	short (x10)	RD	Measured value: 10. harmonic voltage L1-L2	V			
3666	short (x10)	RD	Measured value: 11. harmonic voltage L1-L2	V			
3667	short (x10)	RD	Measured value: 12. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3668	short (x10)	RD	Measured value: 13. harmonic voltage L1-L2	V			
3669	short (x10)	RD	Measured value: 14. harmonic voltage L1-L2	V			
3670	short (x10)	RD	Measured value: 15. harmonic voltage L1-L2	V			
3671	short (x10)	RD	Measured value: 16. harmonic voltage L1-L2	V			
3672	short (x10)	RD	Measured value: 17. harmonic voltage L1-L2	V			
3673	short (x10)	RD	Measured value: 18. harmonic voltage L1-L2	V			
3674	short (x10)	RD	Measured value: 19. harmonic voltage L1-L2	V			
3675	short (x10)	RD	Measured value: 20. harmonic voltage L1-L2	V			
3676	short (x10)	RD	Measured value: 21. harmonic voltage L1-L2	V			
3677	short (x10)	RD	Measured value: 22. harmonic voltage L1-L2	V			
3678	short (x10)	RD	Measured value: 23. harmonic voltage L1-L2	V			
3679	short (x10)	RD	Measured value: 24. harmonic voltage L1-L2	V			
3680	short (x10)	RD	Measured value: 25. harmonic voltage L1-L2	V			
3681	short (x10)	RD	Measured value: 26. harmonic voltage L1-L2	V			
3682	short (x10)	RD	Measured value: 27. harmonic voltage L1-L2	V			
3683	short (x10)	RD	Measured value: 28. harmonic voltage L1-L2	V			
3684	short (x10)	RD	Measured value: 29. harmonic voltage L1-L2	V			
3685	short (x10)	RD	Measured value: 30. harmonic voltage L1-L2	V			
3686	short (x10)	RD	Measured value: 31. harmonic voltage L1-L2	V			
3687	short (x10)	RD	Measured value: 32. harmonic voltage L1-L2	V			
3688	short (x10)	RD	Measured value: 33. harmonic voltage L1-L2	V			
3689	short (x10)	RD	Measured value: 34. harmonic voltage L1-L2	V			
3690	short (x10)	RD	Measured value: 35. harmonic voltage L1-L2	V			
3691	short (x10)	RD	Measured value: 36. harmonic voltage L1-L2	V			
3692	short (x10)	RD	Measured value: 37. harmonic voltage L1-L2	V			
3693	short (x10)	RD	Measured value: 38. harmonic voltage L1-L2	V			
3694	short (x10)	RD	Measured value: 39. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3695	short (x10)	RD	Measured value: 40. harmonic voltage L1-L2	V			
3696	short (x10)	RD	Measured value: 1. harmonic voltage L2-L3	V			
3697	short (x10)	RD	Measured value: 2. harmonic voltage L2-L3	V			
3698	short (x10)	RD	Measured value: 3. harmonic voltage L2-L3	V			
3699	short (x10)	RD	Measured value: 4. harmonic voltage L2-L3	V			
3700	short (x10)	RD	Measured value: 5. harmonic voltage L2-L3	V			
3701	short (x10)	RD	Measured value: 6. harmonic voltage L2-L3	V			
3702	short (x10)	RD	Measured value: 7. harmonic voltage L2-L3	V			
3703	short (x10)	RD	Measured value: 8. harmonic voltage L2-L3	V			
3704	short (x10)	RD	Measured value: 9. harmonic voltage L2-L3	V			
3705	short (x10)	RD	Measured value: 10. harmonic voltage L2-L3	V			
3706	short (x10)	RD	Measured value: 11. harmonic voltage L2-L3	V			
3707	short (x10)	RD	Measured value: 12. harmonic voltage L2-L3	V			
3708	short (x10)	RD	Measured value: 13. harmonic voltage L2-L3	V			
3709	short (x10)	RD	Measured value: 14. harmonic voltage L2-L3	V			
3710	short (x10)	RD	Measured value: 15. harmonic voltage L2-L3	V			
3711	short (x10)	RD	Measured value: 16. harmonic voltage L2-L3	V			
3712	short (x10)	RD	Measured value: 17. harmonic voltage L2-L3	V			
3713	short (x10)	RD	Measured value: 18. harmonic voltage L2-L3	V			
3714	short (x10)	RD	Measured value: 19. harmonic voltage L2-L3	V			
3715	short (x10)	RD	Measured value: 20. harmonic voltage L2-L3	V			
3716	short (x10)	RD	Measured value: 21. harmonic voltage L2-L3	V			
3717	short (x10)	RD	Measured value: 22. harmonic voltage L2-L3	V			
3718	short (x10)	RD	Measured value: 23. harmonic voltage L2-L3	V			
3719	short (x10)	RD	Measured value: 24. harmonic voltage L2-L3	V			
3720	short (x10)	RD	Measured value: 25. harmonic voltage L2-L3	V			
3721	short (x10)	RD	Measured value: 26. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3722	short (x10)	RD	Measured value: 27. harmonic voltage L2-L3	V			
3723	short (x10)	RD	Measured value: 28. harmonic voltage L2-L3	V			
3724	short (x10)	RD	Measured value: 29. harmonic voltage L2-L3	V			
3725	short (x10)	RD	Measured value: 30. harmonic voltage L2-L3	V			
3726	short (x10)	RD	Measured value: 31. harmonic voltage L2-L3	V			
3727	short (x10)	RD	Measured value: 32. harmonic voltage L2-L3	V			
3728	short (x10)	RD	Measured value: 33. harmonic voltage L2-L3	V			
3729	short (x10)	RD	Measured value: 34. harmonic voltage L2-L3	V			
3730	short (x10)	RD	Measured value: 35. harmonic voltage L2-L3	V			
3731	short (x10)	RD	Measured value: 36. harmonic voltage L2-L3	V			
3732	short (x10)	RD	Measured value: 37. harmonic voltage L2-L3	V			
3733	short (x10)	RD	Measured value: 38. harmonic voltage L2-L3	V			
3734	short (x10)	RD	Measured value: 39. harmonic voltage L2-L3	V			
3735	short (x10)	RD	Measured value: 40. harmonic voltage L2-L3	V			
3736	short (x10)	RD	Measured value: 1. harmonic voltage L3-L1	V			
3737	short (x10)	RD	Measured value: 2. harmonic voltage L3-L1	V			
3738	short (x10)	RD	Measured value: 3. harmonic voltage L3-L1	V			
3739	short (x10)	RD	Measured value: 4. harmonic voltage L3-L1	V			
3740	short (x10)	RD	Measured value: 5. harmonic voltage L3-L1	V			
3741	short (x10)	RD	Measured value: 6. harmonic voltage L3-L1	V			
3742	short (x10)	RD	Measured value: 7. harmonic voltage L3-L1	V			
3743	short (x10)	RD	Measured value: 8. harmonic voltage L3-L1	V			
3744	short (x10)	RD	Measured value: 9. harmonic voltage L3-L1	V			
3745	short (x10)	RD	Measured value: 10. harmonic voltage L3-L1	V			
3746	short (x10)	RD	Measured value: 11. harmonic voltage L3-L1	V			
3747	short (x10)	RD	Measured value: 12. harmonic voltage L3-L1	V			
3748	short (x10)	RD	Measured value: 13. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3749	short (x10)	RD	Measured value: 14. harmonic voltage L3-L1	V			
3750	short (x10)	RD	Measured value: 15. harmonic voltage L3-L1	V			
3751	short (x10)	RD	Measured value: 16. harmonic voltage L3-L1	V			
3752	short (x10)	RD	Measured value: 17. harmonic voltage L3-L1	V			
3753	short (x10)	RD	Measured value: 18. harmonic voltage L3-L1	V			
3754	short (x10)	RD	Measured value: 19. harmonic voltage L3-L1	V			
3755	short (x10)	RD	Measured value: 20. harmonic voltage L3-L1	V			
3756	short (x10)	RD	Measured value: 21. harmonic voltage L3-L1	V			
3757	short (x10)	RD	Measured value: 22. harmonic voltage L3-L1	V			
3758	short (x10)	RD	Measured value: 23. harmonic voltage L3-L1	V			
3759	short (x10)	RD	Measured value: 24. harmonic voltage L3-L1	V			
3760	short (x10)	RD	Measured value: 25. harmonic voltage L3-L1	V			
3761	short (x10)	RD	Measured value: 26. harmonic voltage L3-L1	V			
3762	short (x10)	RD	Measured value: 27. harmonic voltage L3-L1	V			
3763	short (x10)	RD	Measured value: 28. harmonic voltage L3-L1	V			
3764	short (x10)	RD	Measured value: 29. harmonic voltage L3-L1	V			
3765	short (x10)	RD	Measured value: 30. harmonic voltage L3-L1	V			
3766	short (x10)	RD	Measured value: 31. harmonic voltage L3-L1	V			
3767	short (x10)	RD	Measured value: 32. harmonic voltage L3-L1	V			
3768	short (x10)	RD	Measured value: 33. harmonic voltage L3-L1	V			
3769	short (x10)	RD	Measured value: 34. harmonic voltage L3-L1	V			
3770	short (x10)	RD	Measured value: 35. harmonic voltage L3-L1	V			
3771	short (x10)	RD	Measured value: 36. harmonic voltage L3-L1	V			
3772	short (x10)	RD	Measured value: 37. harmonic voltage L3-L1	V			
3773	short (x10)	RD	Measured value: 38. harmonic voltage L3-L1	V			
3774	short (x10)	RD	Measured value: 39. harmonic voltage L3-L1	V			
3775	short (x10)	RD	Measured value: 40. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3796	short (x10)	RD	Measured value: 1. harmonic current L1	A			
3797	short (x10)	RD	Measured value: 2. harmonic current L1	A			
3798	short (x10)	RD	Measured value: 3. harmonic current L1	A			
3799	short (x10)	RD	Measured value: 4. harmonic current L1	A			
3800	short (x10)	RD	Measured value: 5. harmonic current L1	A			
3801	short (x10)	RD	Measured value: 6. harmonic current L1	A			
3802	short (x10)	RD	Measured value: 7. harmonic current L1	A			
3803	short (x10)	RD	Measured value: 8. harmonic current L1	A			
3804	short (x10)	RD	Measured value: 9. harmonic current L1	A			
3805	short (x10)	RD	Measured value: 10. harmonic current L1	A			
3806	short (x10)	RD	Measured value: 11. harmonic current L1	A			
3807	short (x10)	RD	Measured value: 12. harmonic current L1	A			
3808	short (x10)	RD	Measured value: 13. harmonic current L1	A			
3809	short (x10)	RD	Measured value: 14. harmonic current L1	A			
3810	short (x10)	RD	Measured value: 15. harmonic current L1	A			
3811	short (x10)	RD	Measured value: 16. harmonic current L1	A			
3812	short (x10)	RD	Measured value: 17. harmonic current L1	A			
3813	short (x10)	RD	Measured value: 18. harmonic current L1	A			
3814	short (x10)	RD	Measured value: 19. harmonic current L1	A			
3815	short (x10)	RD	Measured value: 20. harmonic current L1	A			
3816	short (x10)	RD	Measured value: 21. harmonic current L1	A			
3817	short (x10)	RD	Measured value: 22. harmonic current L1	A			
3818	short (x10)	RD	Measured value: 23. harmonic current L1	A			
3819	short (x10)	RD	Measured value: 24. harmonic current L1	A			
3820	short (x10)	RD	Measured value: 25. harmonic current L1	A			
3821	short (x10)	RD	Measured value: 26. harmonic current L1	A			
3822	short (x10)	RD	Measured value: 27. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3823	short (x10)	RD	Measured value: 28. harmonic current L1	A			
3824	short (x10)	RD	Measured value: 29. harmonic current L1	A			
3825	short (x10)	RD	Measured value: 30. harmonic current L1	A			
3826	short (x10)	RD	Measured value: 31. harmonic current L1	A			
3827	short (x10)	RD	Measured value: 32. harmonic current L1	A			
3828	short (x10)	RD	Measured value: 33. harmonic current L1	A			
3829	short (x10)	RD	Measured value: 34. harmonic current L1	A			
3830	short (x10)	RD	Measured value: 35. harmonic current L1	A			
3831	short (x10)	RD	Measured value: 36. harmonic current L1	A			
3832	short (x10)	RD	Measured value: 37. harmonic current L1	A			
3833	short (x10)	RD	Measured value: 38. harmonic current L1	A			
3834	short (x10)	RD	Measured value: 39. harmonic current L1	A			
3835	short (x10)	RD	Measured value: 40. harmonic current L1	A			
3836	short (x10)	RD	Measured value: 1. harmonic current L2	A			
3837	short (x10)	RD	Measured value: 2. harmonic current L2	A			
3838	short (x10)	RD	Measured value: 3. harmonic current L2	A			
3839	short (x10)	RD	Measured value: 4. harmonic current L2	A			
3840	short (x10)	RD	Measured value: 5. harmonic current L2	A			
3841	short (x10)	RD	Measured value: 6. harmonic current L2	A			
3842	short (x10)	RD	Measured value: 7. harmonic current L2	A			
3843	short (x10)	RD	Measured value: 8. harmonic current L2	A			
3844	short (x10)	RD	Measured value: 9. harmonic current L2	A			
3845	short (x10)	RD	Measured value: 10. harmonic current L2	A			
3846	short (x10)	RD	Measured value: 11. harmonic current L2	A			
3847	short (x10)	RD	Measured value: 12. harmonic current L2	A			
3848	short (x10)	RD	Measured value: 13. harmonic current L2	A			
3849	short (x10)	RD	Measured value: 14. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3850	short (x10)	RD	Measured value: 15. harmonic current L2	A			
3851	short (x10)	RD	Measured value: 16. harmonic current L2	A			
3852	short (x10)	RD	Measured value: 17. harmonic current L2	A			
3853	short (x10)	RD	Measured value: 18. harmonic current L2	A			
3854	short (x10)	RD	Measured value: 19. harmonic current L2	A			
3855	short (x10)	RD	Measured value: 20. harmonic current L2	A			
3856	short (x10)	RD	Measured value: 21. harmonic current L2	A			
3857	short (x10)	RD	Measured value: 22. harmonic current L2	A			
3858	short (x10)	RD	Measured value: 23. harmonic current L2	A			
3859	short (x10)	RD	Measured value: 24. harmonic current L2	A			
3860	short (x10)	RD	Measured value: 25. harmonic current L2	A			
3861	short (x10)	RD	Measured value: 26. harmonic current L2	A			
3862	short (x10)	RD	Measured value: 27. harmonic current L2	A			
3863	short (x10)	RD	Measured value: 28. harmonic current L2	A			
3864	short (x10)	RD	Measured value: 29. harmonic current L2	A			
3865	short (x10)	RD	Measured value: 30. harmonic current L2	A			
3866	short (x10)	RD	Measured value: 31. harmonic current L2	A			
3867	short (x10)	RD	Measured value: 32. harmonic current L2	A			
3868	short (x10)	RD	Measured value: 33. harmonic current L2	A			
3869	short (x10)	RD	Measured value: 34. harmonic current L2	A			
3870	short (x10)	RD	Measured value: 35. harmonic current L2	A			
3871	short (x10)	RD	Measured value: 36. harmonic current L2	A			
3872	short (x10)	RD	Measured value: 37. harmonic current L2	A			
3873	short (x10)	RD	Measured value: 38. harmonic current L2	A			
3874	short (x10)	RD	Measured value: 39. harmonic current L2	A			
3875	short (x10)	RD	Measured value: 40. harmonic current L2	A			
3876	short (x10)	RD	Measured value: 1. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3877	short (x10)	RD	Measured value: 2. harmonic current L3	A			
3878	short (x10)	RD	Measured value: 3. harmonic current L3	A			
3879	short (x10)	RD	Measured value: 4. harmonic current L3	A			
3880	short (x10)	RD	Measured value: 5. harmonic current L3	A			
3881	short (x10)	RD	Measured value: 6. harmonic current L3	A			
3882	short (x10)	RD	Measured value: 7. harmonic current L3	A			
3883	short (x10)	RD	Measured value: 8. harmonic current L3	A			
3884	short (x10)	RD	Measured value: 9. harmonic current L3	A			
3885	short (x10)	RD	Measured value: 10. harmonic current L3	A			
3886	short (x10)	RD	Measured value: 11. harmonic current L3	A			
3887	short (x10)	RD	Measured value: 12. harmonic current L3	A			
3888	short (x10)	RD	Measured value: 13. harmonic current L3	A			
3889	short (x10)	RD	Measured value: 14. harmonic current L3	A			
3890	short (x10)	RD	Measured value: 15. harmonic current L3	A			
3891	short (x10)	RD	Measured value: 16. harmonic current L3	A			
3892	short (x10)	RD	Measured value: 17. harmonic current L3	A			
3893	short (x10)	RD	Measured value: 18. harmonic current L3	A			
3894	short (x10)	RD	Measured value: 19. harmonic current L3	A			
3895	short (x10)	RD	Measured value: 20. harmonic current L3	A			
3896	short (x10)	RD	Measured value: 21. harmonic current L3	A			
3897	short (x10)	RD	Measured value: 22. harmonic current L3	A			
3898	short (x10)	RD	Measured value: 23. harmonic current L3	A			
3899	short (x10)	RD	Measured value: 24. harmonic current L3	A			
3900	short (x10)	RD	Measured value: 25. harmonic current L3	A			
3901	short (x10)	RD	Measured value: 26. harmonic current L3	A			
3902	short (x10)	RD	Measured value: 27. harmonic current L3	A			
3903	short (x10)	RD	Measured value: 28. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3904	short (x10)	RD	Measured value: 29. harmonic current L3	A			
3905	short (x10)	RD	Measured value: 30. harmonic current L3	A			
3906	short (x10)	RD	Measured value: 31. harmonic current L3	A			
3907	short (x10)	RD	Measured value: 32. harmonic current L3	A			
3908	short (x10)	RD	Measured value: 33. harmonic current L3	A			
3909	short (x10)	RD	Measured value: 34. harmonic current L3	A			
3910	short (x10)	RD	Measured value: 35. harmonic current L3	A			
3911	short (x10)	RD	Measured value: 36. harmonic current L3	A			
3912	short (x10)	RD	Measured value: 37. harmonic current L3	A			
3913	short (x10)	RD	Measured value: 38. harmonic current L3	A			
3914	short (x10)	RD	Measured value: 39. harmonic current L3	A			
3915	short (x10)	RD	Measured value: 40. harmonic current L3	A			

Fourier analysis, mean values, float

1740	float	RD	Mean value: 1. harmonic voltage L1	V
1742	float	RD	Mean value: 2. harmonic voltage L1	V
1744	float	RD	Mean value: 3. harmonic voltage L1	V
1746	float	RD	Mean value: 4. harmonic voltage L1	V
1748	float	RD	Mean value: 5. harmonic voltage L1	V
1750	float	RD	Mean value: 6. harmonic voltage L1	V
1752	float	RD	Mean value: 7. harmonic voltage L1	V
1754	float	RD	Mean value: 8. harmonic voltage L1	V
1756	float	RD	Mean value: 9. harmonic voltage L1	V
1758	float	RD	Mean value: 10. harmonic voltage L1	V
1760	float	RD	Mean value: 11. harmonic voltage L1	V
1762	float	RD	Mean value: 12. harmonic voltage L1	V
1764	float	RD	Mean value: 13. harmonic voltage L1	V
1766	float	RD	Mean value: 14. harmonic voltage L1	V
1768	float	RD	Mean value: 15. harmonic voltage L1	V
1770	float	RD	Mean value: 16. harmonic voltage L1	V
1772	float	RD	Mean value: 17. harmonic voltage L1	V
1774	float	RD	Mean value: 18. harmonic voltage L1	V
1776	float	RD	Mean value: 19. harmonic voltage L1	V
1778	float	RD	Mean value: 20. harmonic voltage L1	V
1780	float	RD	Mean value: 21. harmonic voltage L1	V
1782	float	RD	Mean value: 22. harmonic voltage L1	V
1784	float	RD	Mean value: 23. harmonic voltage L1	V

Address	Type	Access Right	Description	Unit	Min	Max	Default
1786	float	RD	Mean value: 24. harmonic voltage L1	V			
1788	float	RD	Mean value: 25. harmonic voltage L1	V			
1790	float	RD	Mean value: 26. harmonic voltage L1	V			
1792	float	RD	Mean value: 27. harmonic voltage L1	V			
1794	float	RD	Mean value: 28. harmonic voltage L1	V			
1796	float	RD	Mean value: 29. harmonic voltage L1	V			
1798	float	RD	Mean value: 30. harmonic voltage L1	V			
1800	float	RD	Mean value: 31. harmonic voltage L1	V			
1802	float	RD	Mean value: 32. harmonic voltage L1	V			
1804	float	RD	Mean value: 33. harmonic voltage L1	V			
1806	float	RD	Mean value: 34. harmonic voltage L1	V			
1808	float	RD	Mean value: 35. harmonic voltage L1	V			
1810	float	RD	Mean value: 36. harmonic voltage L1	V			
1812	float	RD	Mean value: 37. harmonic voltage L1	V			
1814	float	RD	Mean value: 38. harmonic voltage L1	V			
1816	float	RD	Mean value: 39. harmonic voltage L1	V			
1818	float	RD	Mean value: 40. harmonic voltage L1	V			
1820	float	RD	Mean value: 1. harmonic voltage L2	V			
1822	float	RD	Mean value: 2. harmonic voltage L2	V			
1824	float	RD	Mean value: 3. harmonic voltage L2	V			
1826	float	RD	Mean value: 4. harmonic voltage L2	V			
1828	float	RD	Mean value: 5. harmonic voltage L2	V			
1830	float	RD	Mean value: 6. harmonic voltage L2	V			
1832	float	RD	Mean value: 7. harmonic voltage L2	V			
1834	float	RD	Mean value: 8. harmonic voltage L2	V			
1836	float	RD	Mean value: 9. harmonic voltage L2	V			
1838	float	RD	Mean value: 10. harmonic voltage L2	V			
1840	float	RD	Mean value: 11. harmonic voltage L2	V			
1842	float	RD	Mean value: 12. harmonic voltage L2	V			
1844	float	RD	Mean value: 13. harmonic voltage L2	V			
1846	float	RD	Mean value: 14. harmonic voltage L2	V			
1848	float	RD	Mean value: 15. harmonic voltage L2	V			
1850	float	RD	Mean value: 16. harmonic voltage L2	V			
1852	float	RD	Mean value: 17. harmonic voltage L2	V			
1854	float	RD	Mean value: 18. harmonic voltage L2	V			
1856	float	RD	Mean value: 19. harmonic voltage L2	V			
1858	float	RD	Mean value: 20. harmonic voltage L2	V			
1860	float	RD	Mean value: 21. harmonic voltage L2	V			
1862	float	RD	Mean value: 22. harmonic voltage L2	V			
1864	float	RD	Mean value: 23. harmonic voltage L2	V			
1866	float	RD	Mean value: 24. harmonic voltage L2	V			
1868	float	RD	Mean value: 25. harmonic voltage L2	V			
1870	float	RD	Mean value: 26. harmonic voltage L2	V			
1872	float	RD	Mean value: 27. harmonic voltage L2	V			
1874	float	RD	Mean value: 28. harmonic voltage L2	V			
1876	float	RD	Mean value: 29. harmonic voltage L2	V			
1878	float	RD	Mean value: 30. harmonic voltage L2	V			
1880	float	RD	Mean value: 31. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1882	float	RD	Mean value: 32. harmonic voltage L2	V			
1884	float	RD	Mean value: 33. harmonic voltage L2	V			
1886	float	RD	Mean value: 34. harmonic voltage L2	V			
1888	float	RD	Mean value: 35. harmonic voltage L2	V			
1890	float	RD	Mean value: 36. harmonic voltage L2	V			
1892	float	RD	Mean value: 37. harmonic voltage L2	V			
1894	float	RD	Mean value: 38. harmonic voltage L2	V			
1896	float	RD	Mean value: 39. harmonic voltage L2	V			
1898	float	RD	Mean value: 40. harmonic voltage L2	V			
1900	float	RD	Mean value: 1. harmonic voltage L3	V			
1902	float	RD	Mean value: 2. harmonic voltage L3	V			
1904	float	RD	Mean value: 3. harmonic voltage L3	V			
1906	float	RD	Mean value: 4. harmonic voltage L3	V			
1908	float	RD	Mean value: 5. harmonic voltage L3	V			
1910	float	RD	Mean value: 6. harmonic voltage L3	V			
1912	float	RD	Mean value: 7. harmonic voltage L3	V			
1914	float	RD	Mean value: 8. harmonic voltage L3	V			
1916	float	RD	Mean value: 9. harmonic voltage L3	V			
1918	float	RD	Mean value: 10. harmonic voltage L3	V			
1920	float	RD	Mean value: 11. harmonic voltage L3	V			
1922	float	RD	Mean value: 12. harmonic voltage L3	V			
1924	float	RD	Mean value: 13. harmonic voltage L3	V			
1926	float	RD	Mean value: 14. harmonic voltage L3	V			
1928	float	RD	Mean value: 15. harmonic voltage L3	V			
1930	float	RD	Mean value: 16. harmonic voltage L3	V			
1932	float	RD	Mean value: 17. harmonic voltage L3	V			
1934	float	RD	Mean value: 18. harmonic voltage L3	V			
1936	float	RD	Mean value: 19. harmonic voltage L3	V			
1938	float	RD	Mean value: 20. harmonic voltage L3	V			
1940	float	RD	Mean value: 21. harmonic voltage L3	V			
1942	float	RD	Mean value: 22. harmonic voltage L3	V			
1944	float	RD	Mean value: 23. harmonic voltage L3	V			
1946	float	RD	Mean value: 24. harmonic voltage L3	V			
1948	float	RD	Mean value: 25. harmonic voltage L3	V			
1950	float	RD	Mean value: 26. harmonic voltage L3	V			
1952	float	RD	Mean value: 27. harmonic voltage L3	V			
1954	float	RD	Mean value: 28. harmonic voltage L3	V			
1956	float	RD	Mean value: 29. harmonic voltage L3	V			
1958	float	RD	Mean value: 30. harmonic voltage L3	V			
1960	float	RD	Mean value: 31. harmonic voltage L3	V			
1962	float	RD	Mean value: 32. harmonic voltage L3	V			
1964	float	RD	Mean value: 33. harmonic voltage L3	V			
1966	float	RD	Mean value: 34. harmonic voltage L3	V			
1968	float	RD	Mean value: 35. harmonic voltage L3	V			
1970	float	RD	Mean value: 36. harmonic voltage L3	V			
1972	float	RD	Mean value: 37. harmonic voltage L3	V			
1974	float	RD	Mean value: 38. harmonic voltage L3	V			
1976	float	RD	Mean value: 39. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
1978	float	RD	Mean value: 40. harmonic voltage L3	V			
1980	float	RD	Mean value: 1. harmonic voltage L1-L2	V			
1982	float	RD	Mean value: 2. harmonic voltage L1-L2	V			
1984	float	RD	Mean value: 3. harmonic voltage L1-L2	V			
1986	float	RD	Mean value: 4. harmonic voltage L1-L2	V			
1988	float	RD	Mean value: 5. harmonic voltage L1-L2	V			
1990	float	RD	Mean value: 6. harmonic voltage L1-L2	V			
1992	float	RD	Mean value: 7. harmonic voltage L1-L2	V			
1994	float	RD	Mean value: 8. harmonic voltage L1-L2	V			
1996	float	RD	Mean value: 9. harmonic voltage L1-L2	V			
1998	float	RD	Mean value: 10. harmonic voltage L1-L2	V			
2000	float	RD	Mean value: 11. harmonic voltage L1-L2	V			
2002	float	RD	Mean value: 12. harmonic voltage L1-L2	V			
2004	float	RD	Mean value: 13. harmonic voltage L1-L2	V			
2006	float	RD	Mean value: 14. harmonic voltage L1-L2	V			
2008	float	RD	Mean value: 15. harmonic voltage L1-L2	V			
2010	float	RD	Mean value: 16. harmonic voltage L1-L2	V			
2012	float	RD	Mean value: 17. harmonic voltage L1-L2	V			
2014	float	RD	Mean value: 18. harmonic voltage L1-L2	V			
2016	float	RD	Mean value: 19. harmonic voltage L1-L2	V			
2018	float	RD	Mean value: 20. harmonic voltage L1-L2	V			
2020	float	RD	Mean value: 21. harmonic voltage L1-L2	V			
2022	float	RD	Mean value: 22. harmonic voltage L1-L2	V			
2024	float	RD	Mean value: 23. harmonic voltage L1-L2	V			
2026	float	RD	Mean value: 24. harmonic voltage L1-L2	V			
2028	float	RD	Mean value: 25. harmonic voltage L1-L2	V			
2030	float	RD	Mean value: 26. harmonic voltage L1-L2	V			
2032	float	RD	Mean value: 27. harmonic voltage L1-L2	V			
2034	float	RD	Mean value: 28. harmonic voltage L1-L2	V			
2036	float	RD	Mean value: 29. harmonic voltage L1-L2	V			
2038	float	RD	Mean value: 30. harmonic voltage L1-L2	V			
2040	float	RD	Mean value: 31. harmonic voltage L1-L2	V			
2042	float	RD	Mean value: 32. harmonic voltage L1-L2	V			
2044	float	RD	Mean value: 33. harmonic voltage L1-L2	V			
2046	float	RD	Mean value: 34. harmonic voltage L1-L2	V			
2048	float	RD	Mean value: 35. harmonic voltage L1-L2	V			
2050	float	RD	Mean value: 36. harmonic voltage L1-L2	V			
2052	float	RD	Mean value: 37. harmonic voltage L1-L2	V			
2054	float	RD	Mean value: 38. harmonic voltage L1-L2	V			
2056	float	RD	Mean value: 39. harmonic voltage L1-L2	V			
2058	float	RD	Mean value: 40. harmonic voltage L1-L2	V			
2060	float	RD	Mean value: 1. harmonic voltage L2-L3	V			
2062	float	RD	Mean value: 2. harmonic voltage L2-L3	V			
2064	float	RD	Mean value: 3. harmonic voltage L2-L3	V			
2066	float	RD	Mean value: 4. harmonic voltage L2-L3	V			
2068	float	RD	Mean value: 5. harmonic voltage L2-L3	V			
2070	float	RD	Mean value: 6. harmonic voltage L2-L3	V			
2072	float	RD	Mean value: 7. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2074	float	RD	Mean value: 8. harmonic voltage L2-L3	V			
2076	float	RD	Mean value: 9. harmonic voltage L2-L3	V			
2078	float	RD	Mean value: 10. harmonic voltage L2-L3	V			
2080	float	RD	Mean value: 11. harmonic voltage L2-L3	V			
2082	float	RD	Mean value: 12. harmonic voltage L2-L3	V			
2084	float	RD	Mean value: 13. harmonic voltage L2-L3	V			
2086	float	RD	Mean value: 14. harmonic voltage L2-L3	V			
2088	float	RD	Mean value: 15. harmonic voltage L2-L3	V			
2090	float	RD	Mean value: 16. harmonic voltage L2-L3	V			
2092	float	RD	Mean value: 17. harmonic voltage L2-L3	V			
2094	float	RD	Mean value: 18. harmonic voltage L2-L3	V			
2096	float	RD	Mean value: 19. harmonic voltage L2-L3	V			
2098	float	RD	Mean value: 20. harmonic voltage L2-L3	V			
2100	float	RD	Mean value: 21. harmonic voltage L2-L3	V			
2102	float	RD	Mean value: 22. harmonic voltage L2-L3	V			
2104	float	RD	Mean value: 23. harmonic voltage L2-L3	V			
2106	float	RD	Mean value: 24. harmonic voltage L2-L3	V			
2108	float	RD	Mean value: 25. harmonic voltage L2-L3	V			
2110	float	RD	Mean value: 26. harmonic voltage L2-L3	V			
2112	float	RD	Mean value: 27. harmonic voltage L2-L3	V			
2114	float	RD	Mean value: 28. harmonic voltage L2-L3	V			
2116	float	RD	Mean value: 29. harmonic voltage L2-L3	V			
2118	float	RD	Mean value: 30. harmonic voltage L2-L3	V			
2120	float	RD	Mean value: 31. harmonic voltage L2-L3	V			
2122	float	RD	Mean value: 32. harmonic voltage L2-L3	V			
2124	float	RD	Mean value: 33. harmonic voltage L2-L3	V			
2126	float	RD	Mean value: 34. harmonic voltage L2-L3	V			
2128	float	RD	Mean value: 35. harmonic voltage L2-L3	V			
2130	float	RD	Mean value: 36. harmonic voltage L2-L3	V			
2132	float	RD	Mean value: 37. harmonic voltage L2-L3	V			
2134	float	RD	Mean value: 38. harmonic voltage L2-L3	V			
2136	float	RD	Mean value: 39. harmonic voltage L2-L3	V			
2138	float	RD	Mean value: 40. harmonic voltage L2-L3	V			
2140	float	RD	Mean value: 1. harmonic voltage L3-L1	V			
2142	float	RD	Mean value: 2. harmonic voltage L3-L1	V			
2144	float	RD	Mean value: 3. harmonic voltage L3-L1	V			
2146	float	RD	Mean value: 4. harmonic voltage L3-L1	V			
2148	float	RD	Mean value: 5. harmonic voltage L3-L1	V			
2150	float	RD	Mean value: 6. harmonic voltage L3-L1	V			
2152	float	RD	Mean value: 7. harmonic voltage L3-L1	V			
2154	float	RD	Mean value: 8. harmonic voltage L3-L1	V			
2156	float	RD	Mean value: 9. harmonic voltage L3-L1	V			
2158	float	RD	Mean value: 10. harmonic voltage L3-L1	V			
2160	float	RD	Mean value: 11. harmonic voltage L3-L1	V			
2162	float	RD	Mean value: 12. harmonic voltage L3-L1	V			
2164	float	RD	Mean value: 13. harmonic voltage L3-L1	V			
2166	float	RD	Mean value: 14. harmonic voltage L3-L1	V			
2168	float	RD	Mean value: 15. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2170	float	RD	Mean value: 16. harmonic voltage L3-L1	V			
2172	float	RD	Mean value: 17. harmonic voltage L3-L1	V			
2174	float	RD	Mean value: 18. harmonic voltage L3-L1	V			
2176	float	RD	Mean value: 19. harmonic voltage L3-L1	V			
2178	float	RD	Mean value: 20. harmonic voltage L3-L1	V			
2180	float	RD	Mean value: 21. harmonic voltage L3-L1	V			
2182	float	RD	Mean value: 22. harmonic voltage L3-L1	V			
2184	float	RD	Mean value: 23. harmonic voltage L3-L1	V			
2186	float	RD	Mean value: 24. harmonic voltage L3-L1	V			
2188	float	RD	Mean value: 25. harmonic voltage L3-L1	V			
2190	float	RD	Mean value: 26. harmonic voltage L3-L1	V			
2192	float	RD	Mean value: 27. harmonic voltage L3-L1	V			
2194	float	RD	Mean value: 28. harmonic voltage L3-L1	V			
2196	float	RD	Mean value: 29. harmonic voltage L3-L1	V			
2198	float	RD	Mean value: 30. harmonic voltage L3-L1	V			
2200	float	RD	Mean value: 31. harmonic voltage L3-L1	V			
2202	float	RD	Mean value: 32. harmonic voltage L3-L1	V			
2204	float	RD	Mean value: 33. harmonic voltage L3-L1	V			
2206	float	RD	Mean value: 34. harmonic voltage L3-L1	V			
2208	float	RD	Mean value: 35. harmonic voltage L3-L1	V			
2210	float	RD	Mean value: 36. harmonic voltage L3-L1	V			
2212	float	RD	Mean value: 37. harmonic voltage L3-L1	V			
2214	float	RD	Mean value: 38. harmonic voltage L3-L1	V			
2216	float	RD	Mean value: 39. harmonic voltage L3-L1	V			
2218	float	RD	Mean value: 40. harmonic voltage L3-L1	V			
2260	float	RD	Mean value: 1. harmonic current L1	A			
2262	float	RD	Mean value: 2. harmonic current L1	A			
2264	float	RD	Mean value: 3. harmonic current L1	A			
2266	float	RD	Mean value: 4. harmonic current L1	A			
2268	float	RD	Mean value: 5. harmonic current L1	A			
2270	float	RD	Mean value: 6. harmonic current L1	A			
2272	float	RD	Mean value: 7. harmonic current L1	A			
2274	float	RD	Mean value: 8. harmonic current L1	A			
2276	float	RD	Mean value: 9. harmonic current L1	A			
2278	float	RD	Mean value: 10. harmonic current L1	A			
2280	float	RD	Mean value: 11. harmonic current L1	A			
2282	float	RD	Mean value: 12. harmonic current L1	A			
2284	float	RD	Mean value: 13. harmonic current L1	A			
2286	float	RD	Mean value: 14. harmonic current L1	A			
2288	float	RD	Mean value: 15. harmonic current L1	A			
2290	float	RD	Mean value: 16. harmonic current L1	A			
2292	float	RD	Mean value: 17. harmonic current L1	A			
2294	float	RD	Mean value: 18. harmonic current L1	A			
2296	float	RD	Mean value: 19. harmonic current L1	A			
2298	float	RD	Mean value: 20. harmonic current L1	A			
2300	float	RD	Mean value: 21. harmonic current L1	A			
2302	float	RD	Mean value: 22. harmonic current L1	A			
2304	float	RD	Mean value: 23. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2306	float	RD	Mean value: 24. harmonic current L1	A			
2308	float	RD	Mean value: 25. harmonic current L1	A			
2310	float	RD	Mean value: 26. harmonic current L1	A			
2312	float	RD	Mean value: 27. harmonic current L1	A			
2314	float	RD	Mean value: 28. harmonic current L1	A			
2316	float	RD	Mean value: 29. harmonic current L1	A			
2318	float	RD	Mean value: 30. harmonic current L1	A			
2320	float	RD	Mean value: 31. harmonic current L1	A			
2322	float	RD	Mean value: 32. harmonic current L1	A			
2324	float	RD	Mean value: 33. harmonic current L1	A			
2326	float	RD	Mean value: 34. harmonic current L1	A			
2328	float	RD	Mean value: 35. harmonic current L1	A			
2330	float	RD	Mean value: 36. harmonic current L1	A			
2332	float	RD	Mean value: 37. harmonic current L1	A			
2334	float	RD	Mean value: 38. harmonic current L1	A			
2336	float	RD	Mean value: 39. harmonic current L1	A			
2338	float	RD	Mean value: 40. harmonic current L1	A			
2340	float	RD	Mean value: 1. harmonic current L2	A			
2342	float	RD	Mean value: 2. harmonic current L2	A			
2344	float	RD	Mean value: 3. harmonic current L2	A			
2346	float	RD	Mean value: 4. harmonic current L2	A			
2348	float	RD	Mean value: 5. harmonic current L2	A			
2350	float	RD	Mean value: 6. harmonic current L2	A			
2352	float	RD	Mean value: 7. harmonic current L2	A			
2354	float	RD	Mean value: 8. harmonic current L2	A			
2356	float	RD	Mean value: 9. harmonic current L2	A			
2358	float	RD	Mean value: 10. harmonic current L2	A			
2360	float	RD	Mean value: 11. harmonic current L2	A			
2362	float	RD	Mean value: 12. harmonic current L2	A			
2364	float	RD	Mean value: 13. harmonic current L2	A			
2366	float	RD	Mean value: 14. harmonic current L2	A			
2368	float	RD	Mean value: 15. harmonic current L2	A			
2370	float	RD	Mean value: 16. harmonic current L2	A			
2372	float	RD	Mean value: 17. harmonic current L2	A			
2374	float	RD	Mean value: 18. harmonic current L2	A			
2376	float	RD	Mean value: 19. harmonic current L2	A			
2378	float	RD	Mean value: 20. harmonic current L2	A			
2380	float	RD	Mean value: 21. harmonic current L2	A			
2382	float	RD	Mean value: 22. harmonic current L2	A			
2384	float	RD	Mean value: 23. harmonic current L2	A			
2386	float	RD	Mean value: 24. harmonic current L2	A			
2388	float	RD	Mean value: 25. harmonic current L2	A			
2390	float	RD	Mean value: 26. harmonic current L2	A			
2392	float	RD	Mean value: 27. harmonic current L2	A			
2394	float	RD	Mean value: 28. harmonic current L2	A			
2396	float	RD	Mean value: 29. harmonic current L2	A			
2398	float	RD	Mean value: 30. harmonic current L2	A			
2400	float	RD	Mean value: 31. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2402	float	RD	Mean value: 32. harmonic current L2	A			
2404	float	RD	Mean value: 33. harmonic current L2	A			
2406	float	RD	Mean value: 34. harmonic current L2	A			
2408	float	RD	Mean value: 35. harmonic current L2	A			
2410	float	RD	Mean value: 36. harmonic current L2	A			
2412	float	RD	Mean value: 37. harmonic current L2	A			
2414	float	RD	Mean value: 38. harmonic current L2	A			
2416	float	RD	Mean value: 39. harmonic current L2	A			
2418	float	RD	Mean value: 40. harmonic current L2	A			
2420	float	RD	Mean value: 1. harmonic current L3	A			
2422	float	RD	Mean value: 2. harmonic current L3	A			
2424	float	RD	Mean value: 3. harmonic current L3	A			
2426	float	RD	Mean value: 4. harmonic current L3	A			
2428	float	RD	Mean value: 5. harmonic current L3	A			
2430	float	RD	Mean value: 6. harmonic current L3	A			
2432	float	RD	Mean value: 7. harmonic current L3	A			
2434	float	RD	Mean value: 8. harmonic current L3	A			
2436	float	RD	Mean value: 9. harmonic current L3	A			
2438	float	RD	Mean value: 10. harmonic current L3	A			
2440	float	RD	Mean value: 11. harmonic current L3	A			
2442	float	RD	Mean value: 12. harmonic current L3	A			
2444	float	RD	Mean value: 13. harmonic current L3	A			
2446	float	RD	Mean value: 14. harmonic current L3	A			
2448	float	RD	Mean value: 15. harmonic current L3	A			
2450	float	RD	Mean value: 16. harmonic current L3	A			
2452	float	RD	Mean value: 17. harmonic current L3	A			
2454	float	RD	Mean value: 18. harmonic current L3	A			
2456	float	RD	Mean value: 19. harmonic current L3	A			
2458	float	RD	Mean value: 20. harmonic current L3	A			
2460	float	RD	Mean value: 21. harmonic current L3	A			
2462	float	RD	Mean value: 22. harmonic current L3	A			
2464	float	RD	Mean value: 23. harmonic current L3	A			
2466	float	RD	Mean value: 24. harmonic current L3	A			
2468	float	RD	Mean value: 25. harmonic current L3	A			
2470	float	RD	Mean value: 26. harmonic current L3	A			
2472	float	RD	Mean value: 27. harmonic current L3	A			
2474	float	RD	Mean value: 28. harmonic current L3	A			
2476	float	RD	Mean value: 29. harmonic current L3	A			
2478	float	RD	Mean value: 30. harmonic current L3	A			
2480	float	RD	Mean value: 31. harmonic current L3	A			
2482	float	RD	Mean value: 32. harmonic current L3	A			
2484	float	RD	Mean value: 33. harmonic current L3	A			
2486	float	RD	Mean value: 34. harmonic current L3	A			
2488	float	RD	Mean value: 35. harmonic current L3	A			
2490	float	RD	Mean value: 36. harmonic current L3	A			
2492	float	RD	Mean value: 37. harmonic current L3	A			
2494	float	RD	Mean value: 38. harmonic current L3	A			
2496	float	RD	Mean value: 39. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2498	float	RD	Mean value: 40. harmonic current L3	A			

Fourier analysis, mean values, short

3966	short (x10)	RD	Mean value: 1. harmonic voltage L1	V			
3967	short (x10)	RD	Mean value: 2. harmonic voltage L1	V			
3968	short (x10)	RD	Mean value: 3. harmonic voltage L1	V			
3969	short (x10)	RD	Mean value: 4. harmonic voltage L1	V			
3970	short (x10)	RD	Mean value: 5. harmonic voltage L1	V			
3971	short (x10)	RD	Mean value: 6. harmonic voltage L1	V			
3972	short (x10)	RD	Mean value: 7. harmonic voltage L1	V			
3973	short (x10)	RD	Mean value: 8. harmonic voltage L1	V			
3974	short (x10)	RD	Mean value: 9. harmonic voltage L1	V			
3975	short (x10)	RD	Mean value: 10. harmonic voltage L1	V			
3976	short (x10)	RD	Mean value: 11. harmonic voltage L1	V			
3977	short (x10)	RD	Mean value: 12. harmonic voltage L1	V			
3978	short (x10)	RD	Mean value: 13. harmonic voltage L1	V			
3979	short (x10)	RD	Mean value: 14. harmonic voltage L1	V			
3980	short (x10)	RD	Mean value: 15. harmonic voltage L1	V			
3981	short (x10)	RD	Mean value: 16. harmonic voltage L1	V			
3982	short (x10)	RD	Mean value: 17. harmonic voltage L1	V			
3983	short (x10)	RD	Mean value: 18. harmonic voltage L1	V			
3984	short (x10)	RD	Mean value: 19. harmonic voltage L1	V			
3985	short (x10)	RD	Mean value: 20. harmonic voltage L1	V			
3986	short (x10)	RD	Mean value: 21. harmonic voltage L1	V			
3987	short (x10)	RD	Mean value: 22. harmonic voltage L1	V			
3988	short (x10)	RD	Mean value: 23. harmonic voltage L1	V			
3989	short (x10)	RD	Mean value: 24. harmonic voltage L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3990	short (x10)	RD	Mean value: 25. harmonic voltage L1	V			
3991	short (x10)	RD	Mean value: 26. harmonic voltage L1	V			
3992	short (x10)	RD	Mean value: 27. harmonic voltage L1	V			
3993	short (x10)	RD	Mean value: 28. harmonic voltage L1	V			
3994	short (x10)	RD	Mean value: 29. harmonic voltage L1	V			
3995	short (x10)	RD	Mean value: 30. harmonic voltage L1	V			
3996	short (x10)	RD	Mean value: 31. harmonic voltage L1	V			
3997	short (x10)	RD	Mean value: 32. harmonic voltage L1	V			
3998	short (x10)	RD	Mean value: 33. harmonic voltage L1	V			
3999	short (x10)	RD	Mean value: 34. harmonic voltage L1	V			
4000	short (x10)	RD	Mean value: 35. harmonic voltage L1	V			
4001	short (x10)	RD	Mean value: 36. harmonic voltage L1	V			
4002	short (x10)	RD	Mean value: 37. harmonic voltage L1	V			
4003	short (x10)	RD	Mean value: 38. harmonic voltage L1	V			
4004	short (x10)	RD	Mean value: 39. harmonic voltage L1	V			
4005	short (x10)	RD	Mean value: 40. harmonic voltage L1	V			
4006	short (x10)	RD	Mean value: 1. harmonic voltage L2	V			
4007	short (x10)	RD	Mean value: 2. harmonic voltage L2	V			
4008	short (x10)	RD	Mean value: 3. harmonic voltage L2	V			
4009	short (x10)	RD	Mean value: 4. harmonic voltage L2	V			
4010	short (x10)	RD	Mean value: 5. harmonic voltage L2	V			
4011	short (x10)	RD	Mean value: 6. harmonic voltage L2	V			
4012	short (x10)	RD	Mean value: 7. harmonic voltage L2	V			
4013	short (x10)	RD	Mean value: 8. harmonic voltage L2	V			
4014	short (x10)	RD	Mean value: 9. harmonic voltage L2	V			
4015	short (x10)	RD	Mean value: 10. harmonic voltage L2	V			
4016	short (x10)	RD	Mean value: 11. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4017	short (x10)	RD	Mean value: 12. harmonic voltage L2	V			
4018	short (x10)	RD	Mean value: 13. harmonic voltage L2	V			
4019	short (x10)	RD	Mean value: 14. harmonic voltage L2	V			
4020	short (x10)	RD	Mean value: 15. harmonic voltage L2	V			
4021	short (x10)	RD	Mean value: 16. harmonic voltage L2	V			
4022	short (x10)	RD	Mean value: 17. harmonic voltage L2	V			
4023	short (x10)	RD	Mean value: 18. harmonic voltage L2	V			
4024	short (x10)	RD	Mean value: 19. harmonic voltage L2	V			
4025	short (x10)	RD	Mean value: 20. harmonic voltage L2	V			
4026	short (x10)	RD	Mean value: 21. harmonic voltage L2	V			
4027	short (x10)	RD	Mean value: 22. harmonic voltage L2	V			
4028	short (x10)	RD	Mean value: 23. harmonic voltage L2	V			
4029	short (x10)	RD	Mean value: 24. harmonic voltage L2	V			
4030	short (x10)	RD	Mean value: 25. harmonic voltage L2	V			
4031	short (x10)	RD	Mean value: 26. harmonic voltage L2	V			
4032	short (x10)	RD	Mean value: 27. harmonic voltage L2	V			
4033	short (x10)	RD	Mean value: 28. harmonic voltage L2	V			
4034	short (x10)	RD	Mean value: 29. harmonic voltage L2	V			
4035	short (x10)	RD	Mean value: 30. harmonic voltage L2	V			
4036	short (x10)	RD	Mean value: 31. harmonic voltage L2	V			
4037	short (x10)	RD	Mean value: 32. harmonic voltage L2	V			
4038	short (x10)	RD	Mean value: 33. harmonic voltage L2	V			
4039	short (x10)	RD	Mean value: 34. harmonic voltage L2	V			
4040	short (x10)	RD	Mean value: 35. harmonic voltage L2	V			
4041	short (x10)	RD	Mean value: 36. harmonic voltage L2	V			
4042	short (x10)	RD	Mean value: 37. harmonic voltage L2	V			
4043	short (x10)	RD	Mean value: 38. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4044	short (x10)	RD	Mean value: 39. harmonic voltage L2	V			
4045	short (x10)	RD	Mean value: 40. harmonic voltage L2	V			
4046	short (x10)	RD	Mean value: 1. harmonic voltage L3	V			
4047	short (x10)	RD	Mean value: 2. harmonic voltage L3	V			
4048	short (x10)	RD	Mean value: 3. harmonic voltage L3	V			
4049	short (x10)	RD	Mean value: 4. harmonic voltage L3	V			
4050	short (x10)	RD	Mean value: 5. harmonic voltage L3	V			
4051	short (x10)	RD	Mean value: 6. harmonic voltage L3	V			
4052	short (x10)	RD	Mean value: 7. harmonic voltage L3	V			
4053	short (x10)	RD	Mean value: 8. harmonic voltage L3	V			
4054	short (x10)	RD	Mean value: 9. harmonic voltage L3	V			
4055	short (x10)	RD	Mean value: 10. harmonic voltage L3	V			
4056	short (x10)	RD	Mean value: 11. harmonic voltage L3	V			
4057	short (x10)	RD	Mean value: 12. harmonic voltage L3	V			
4058	short (x10)	RD	Mean value: 13. harmonic voltage L3	V			
4059	short (x10)	RD	Mean value: 14. harmonic voltage L3	V			
4060	short (x10)	RD	Mean value: 15. harmonic voltage L3	V			
4061	short (x10)	RD	Mean value: 16. harmonic voltage L3	V			
4062	short (x10)	RD	Mean value: 17. harmonic voltage L3	V			
4063	short (x10)	RD	Mean value: 18. harmonic voltage L3	V			
4064	short (x10)	RD	Mean value: 19. harmonic voltage L3	V			
4065	short (x10)	RD	Mean value: 20. harmonic voltage L3	V			
4066	short (x10)	RD	Mean value: 21. harmonic voltage L3	V			
4067	short (x10)	RD	Mean value: 22. harmonic voltage L3	V			
4068	short (x10)	RD	Mean value: 23. harmonic voltage L3	V			
4069	short (x10)	RD	Mean value: 24. harmonic voltage L3	V			
4070	short (x10)	RD	Mean value: 25. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4071	short (x10)	RD	Mean value: 26. harmonic voltage L3	V			
4072	short (x10)	RD	Mean value: 27. harmonic voltage L3	V			
4073	short (x10)	RD	Mean value: 28. harmonic voltage L3	V			
4074	short (x10)	RD	Mean value: 29. harmonic voltage L3	V			
4075	short (x10)	RD	Mean value: 30. harmonic voltage L3	V			
4076	short (x10)	RD	Mean value: 31. harmonic voltage L3	V			
4077	short (x10)	RD	Mean value: 32. harmonic voltage L3	V			
4078	short (x10)	RD	Mean value: 33. harmonic voltage L3	V			
4079	short (x10)	RD	Mean value: 34. harmonic voltage L3	V			
4080	short (x10)	RD	Mean value: 35. harmonic voltage L3	V			
4081	short (x10)	RD	Mean value: 36. harmonic voltage L3	V			
4082	short (x10)	RD	Mean value: 37. harmonic voltage L3	V			
4083	short (x10)	RD	Mean value: 38. harmonic voltage L3	V			
4084	short (x10)	RD	Mean value: 39. harmonic voltage L3	V			
4085	short (x10)	RD	Mean value: 40. harmonic voltage L3	V			
4086	short (x10)	RD	Mean value: 1. harmonic voltage L1-L2	V			
4087	short (x10)	RD	Mean value: 2. harmonic voltage L1-L2	V			
4088	short (x10)	RD	Mean value: 3. harmonic voltage L1-L2	V			
4089	short (x10)	RD	Mean value: 4. harmonic voltage L1-L2	V			
4090	short (x10)	RD	Mean value: 5. harmonic voltage L1-L2	V			
4091	short (x10)	RD	Mean value: 6. harmonic voltage L1-L2	V			
4092	short (x10)	RD	Mean value: 7. harmonic voltage L1-L2	V			
4093	short (x10)	RD	Mean value: 8. harmonic voltage L1-L2	V			
4094	short (x10)	RD	Mean value: 9. harmonic voltage L1-L2	V			
4095	short (x10)	RD	Mean value: 10. harmonic voltage L1-L2	V			
4096	short (x10)	RD	Mean value: 11. harmonic voltage L1-L2	V			
4097	short (x10)	RD	Mean value: 12. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4098	short (x10)	RD	Mean value: 13. harmonic voltage L1-L2	V			
4099	short (x10)	RD	Mean value: 14. harmonic voltage L1-L2	V			
4100	short (x10)	RD	Mean value: 15. harmonic voltage L1-L2	V			
4101	short (x10)	RD	Mean value: 16. harmonic voltage L1-L2	V			
4102	short (x10)	RD	Mean value: 17. harmonic voltage L1-L2	V			
4103	short (x10)	RD	Mean value: 18. harmonic voltage L1-L2	V			
4104	short (x10)	RD	Mean value: 19. harmonic voltage L1-L2	V			
4105	short (x10)	RD	Mean value: 20. harmonic voltage L1-L2	V			
4106	short (x10)	RD	Mean value: 21. harmonic voltage L1-L2	V			
4107	short (x10)	RD	Mean value: 22. harmonic voltage L1-L2	V			
4108	short (x10)	RD	Mean value: 23. harmonic voltage L1-L2	V			
4109	short (x10)	RD	Mean value: 24. harmonic voltage L1-L2	V			
4110	short (x10)	RD	Mean value: 25. harmonic voltage L1-L2	V			
4111	short (x10)	RD	Mean value: 26. harmonic voltage L1-L2	V			
4112	short (x10)	RD	Mean value: 27. harmonic voltage L1-L2	V			
4113	short (x10)	RD	Mean value: 28. harmonic voltage L1-L2	V			
4114	short (x10)	RD	Mean value: 29. harmonic voltage L1-L2	V			
4115	short (x10)	RD	Mean value: 30. harmonic voltage L1-L2	V			
4116	short (x10)	RD	Mean value: 31. harmonic voltage L1-L2	V			
4117	short (x10)	RD	Mean value: 32. harmonic voltage L1-L2	V			
4118	short (x10)	RD	Mean value: 33. harmonic voltage L1-L2	V			
4119	short (x10)	RD	Mean value: 34. harmonic voltage L1-L2	V			
4120	short (x10)	RD	Mean value: 35. harmonic voltage L1-L2	V			
4121	short (x10)	RD	Mean value: 36. harmonic voltage L1-L2	V			
4122	short (x10)	RD	Mean value: 37. harmonic voltage L1-L2	V			
4123	short (x10)	RD	Mean value: 38. harmonic voltage L1-L2	V			
4124	short (x10)	RD	Mean value: 39. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4125	short (x10)	RD	Mean value: 40. harmonic voltage L1-L2	V			
4126	short (x10)	RD	Mean value: 1. harmonic voltage L2-L3	V			
4127	short (x10)	RD	Mean value: 2. harmonic voltage L2-L3	V			
4128	short (x10)	RD	Mean value: 3. harmonic voltage L2-L3	V			
4129	short (x10)	RD	Mean value: 4. harmonic voltage L2-L3	V			
4130	short (x10)	RD	Mean value: 5. harmonic voltage L2-L3	V			
4131	short (x10)	RD	Mean value: 6. harmonic voltage L2-L3	V			
4132	short (x10)	RD	Mean value: 7. harmonic voltage L2-L3	V			
4133	short (x10)	RD	Mean value: 8. harmonic voltage L2-L3	V			
4134	short (x10)	RD	Mean value: 9. harmonic voltage L2-L3	V			
4135	short (x10)	RD	Mean value: 10. harmonic voltage L2-L3	V			
4136	short (x10)	RD	Mean value: 11. harmonic voltage L2-L3	V			
4137	short (x10)	RD	Mean value: 12. harmonic voltage L2-L3	V			
4138	short (x10)	RD	Mean value: 13. harmonic voltage L2-L3	V			
4139	short (x10)	RD	Mean value: 14. harmonic voltage L2-L3	V			
4140	short (x10)	RD	Mean value: 15. harmonic voltage L2-L3	V			
4141	short (x10)	RD	Mean value: 16. harmonic voltage L2-L3	V			
4142	short (x10)	RD	Mean value: 17. harmonic voltage L2-L3	V			
4143	short (x10)	RD	Mean value: 18. harmonic voltage L2-L3	V			
4144	short (x10)	RD	Mean value: 19. harmonic voltage L2-L3	V			
4145	short (x10)	RD	Mean value: 20. harmonic voltage L2-L3	V			
4146	short (x10)	RD	Mean value: 21. harmonic voltage L2-L3	V			
4147	short (x10)	RD	Mean value: 22. harmonic voltage L2-L3	V			
4148	short (x10)	RD	Mean value: 23. harmonic voltage L2-L3	V			
4149	short (x10)	RD	Mean value: 24. harmonic voltage L2-L3	V			
4150	short (x10)	RD	Mean value: 25. harmonic voltage L2-L3	V			
4151	short (x10)	RD	Mean value: 26. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4152	short (x10)	RD	Mean value: 27. harmonic voltage L2-L3	V			
4153	short (x10)	RD	Mean value: 28. harmonic voltage L2-L3	V			
4154	short (x10)	RD	Mean value: 29. harmonic voltage L2-L3	V			
4155	short (x10)	RD	Mean value: 30. harmonic voltage L2-L3	V			
4156	short (x10)	RD	Mean value: 31. harmonic voltage L2-L3	V			
4157	short (x10)	RD	Mean value: 32. harmonic voltage L2-L3	V			
4158	short (x10)	RD	Mean value: 33. harmonic voltage L2-L3	V			
4159	short (x10)	RD	Mean value: 34. harmonic voltage L2-L3	V			
4160	short (x10)	RD	Mean value: 35. harmonic voltage L2-L3	V			
4161	short (x10)	RD	Mean value: 36. harmonic voltage L2-L3	V			
4162	short (x10)	RD	Mean value: 37. harmonic voltage L2-L3	V			
4163	short (x10)	RD	Mean value: 38. harmonic voltage L2-L3	V			
4164	short (x10)	RD	Mean value: 39. harmonic voltage L2-L3	V			
4165	short (x10)	RD	Mean value: 40. harmonic voltage L2-L3	V			
4166	short (x10)	RD	Mean value: 1. harmonic voltage L3-L1	V			
4167	short (x10)	RD	Mean value: 2. harmonic voltage L3-L1	V			
4168	short (x10)	RD	Mean value: 3. harmonic voltage L3-L1	V			
4169	short (x10)	RD	Mean value: 4. harmonic voltage L3-L1	V			
4170	short (x10)	RD	Mean value: 5. harmonic voltage L3-L1	V			
4171	short (x10)	RD	Mean value: 6. harmonic voltage L3-L1	V			
4172	short (x10)	RD	Mean value: 7. harmonic voltage L3-L1	V			
4173	short (x10)	RD	Mean value: 8. harmonic voltage L3-L1	V			
4174	short (x10)	RD	Mean value: 9. harmonic voltage L3-L1	V			
4175	short (x10)	RD	Mean value: 10. harmonic voltage L3-L1	V			
4176	short (x10)	RD	Mean value: 11. harmonic voltage L3-L1	V			
4177	short (x10)	RD	Mean value: 12. harmonic voltage L3-L1	V			
4178	short (x10)	RD	Mean value: 13. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4179	short (x10)	RD	Mean value: 14. harmonic voltage L3-L1	V			
4180	short (x10)	RD	Mean value: 15. harmonic voltage L3-L1	V			
4181	short (x10)	RD	Mean value: 16. harmonic voltage L3-L1	V			
4182	short (x10)	RD	Mean value: 17. harmonic voltage L3-L1	V			
4183	short (x10)	RD	Mean value: 18. harmonic voltage L3-L1	V			
4184	short (x10)	RD	Mean value: 19. harmonic voltage L3-L1	V			
4185	short (x10)	RD	Mean value: 20. harmonic voltage L3-L1	V			
4186	short (x10)	RD	Mean value: 21. harmonic voltage L3-L1	V			
4187	short (x10)	RD	Mean value: 22. harmonic voltage L3-L1	V			
4188	short (x10)	RD	Mean value: 23. harmonic voltage L3-L1	V			
4189	short (x10)	RD	Mean value: 24. harmonic voltage L3-L1	V			
4190	short (x10)	RD	Mean value: 25. harmonic voltage L3-L1	V			
4191	short (x10)	RD	Mean value: 26. harmonic voltage L3-L1	V			
4192	short (x10)	RD	Mean value: 27. harmonic voltage L3-L1	V			
4193	short (x10)	RD	Mean value: 28. harmonic voltage L3-L1	V			
4194	short (x10)	RD	Mean value: 29. harmonic voltage L3-L1	V			
4195	short (x10)	RD	Mean value: 30. harmonic voltage L3-L1	V			
4196	short (x10)	RD	Mean value: 31. harmonic voltage L3-L1	V			
4197	short (x10)	RD	Mean value: 32. harmonic voltage L3-L1	V			
4198	short (x10)	RD	Mean value: 33. harmonic voltage L3-L1	V			
4199	short (x10)	RD	Mean value: 34. harmonic voltage L3-L1	V			
4200	short (x10)	RD	Mean value: 35. harmonic voltage L3-L1	V			
4201	short (x10)	RD	Mean value: 36. harmonic voltage L3-L1	V			
4202	short (x10)	RD	Mean value: 37. harmonic voltage L3-L1	V			
4203	short (x10)	RD	Mean value: 38. harmonic voltage L3-L1	V			
4204	short (x10)	RD	Mean value: 39. harmonic voltage L3-L1	V			
4205	short (x10)	RD	Mean value: 40. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4226	short (x10)	RD	Mean value: 1. harmonic current L1	A			
4227	short (x10)	RD	Mean value: 2. harmonic current L1	A			
4228	short (x10)	RD	Mean value: 3. harmonic current L1	A			
4229	short (x10)	RD	Mean value: 4. harmonic current L1	A			
4230	short (x10)	RD	Mean value: 5. harmonic current L1	A			
4231	short (x10)	RD	Mean value: 6. harmonic current L1	A			
4232	short (x10)	RD	Mean value: 7. harmonic current L1	A			
4233	short (x10)	RD	Mean value: 8. harmonic current L1	A			
4234	short (x10)	RD	Mean value: 9. harmonic current L1	A			
4235	short (x10)	RD	Mean value: 10. harmonic current L1	A			
4236	short (x10)	RD	Mean value: 11. harmonic current L1	A			
4237	short (x10)	RD	Mean value: 12. harmonic current L1	A			
4238	short (x10)	RD	Mean value: 13. harmonic current L1	A			
4239	short (x10)	RD	Mean value: 14. harmonic current L1	A			
4240	short (x10)	RD	Mean value: 15. harmonic current L1	A			
4241	short (x10)	RD	Mean value: 16. harmonic current L1	A			
4242	short (x10)	RD	Mean value: 17. harmonic current L1	A			
4243	short (x10)	RD	Mean value: 18. harmonic current L1	A			
4244	short (x10)	RD	Mean value: 19. harmonic current L1	A			
4245	short (x10)	RD	Mean value: 20. harmonic current L1	A			
4246	short (x10)	RD	Mean value: 21. harmonic current L1	A			
4247	short (x10)	RD	Mean value: 22. harmonic current L1	A			
4248	short (x10)	RD	Mean value: 23. harmonic current L1	A			
4249	short (x10)	RD	Mean value: 24. harmonic current L1	A			
4250	short (x10)	RD	Mean value: 25. harmonic current L1	A			
4251	short (x10)	RD	Mean value: 26. harmonic current L1	A			
4252	short (x10)	RD	Mean value: 27. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4253	short (x10)	RD	Mean value: 28. harmonic current L1	A			
4254	short (x10)	RD	Mean value: 29. harmonic current L1	A			
4255	short (x10)	RD	Mean value: 30. harmonic current L1	A			
4256	short (x10)	RD	Mean value: 31. harmonic current L1	A			
4257	short (x10)	RD	Mean value: 32. harmonic current L1	A			
4258	short (x10)	RD	Mean value: 33. harmonic current L1	A			
4259	short (x10)	RD	Mean value: 34. harmonic current L1	A			
4260	short (x10)	RD	Mean value: 35. harmonic current L1	A			
4261	short (x10)	RD	Mean value: 36. harmonic current L1	A			
4262	short (x10)	RD	Mean value: 37. harmonic current L1	A			
4263	short (x10)	RD	Mean value: 38. harmonic current L1	A			
4264	short (x10)	RD	Mean value: 39. harmonic current L1	A			
4265	short (x10)	RD	Mean value: 40. harmonic current L1	A			
4266	short (x10)	RD	Mean value: 1. harmonic current L2	A			
4267	short (x10)	RD	Mean value: 2. harmonic current L2	A			
4268	short (x10)	RD	Mean value: 3. harmonic current L2	A			
4269	short (x10)	RD	Mean value: 4. harmonic current L2	A			
4270	short (x10)	RD	Mean value: 5. harmonic current L2	A			
4271	short (x10)	RD	Mean value: 6. harmonic current L2	A			
4272	short (x10)	RD	Mean value: 7. harmonic current L2	A			
4273	short (x10)	RD	Mean value: 8. harmonic current L2	A			
4274	short (x10)	RD	Mean value: 9. harmonic current L2	A			
4275	short (x10)	RD	Mean value: 10. harmonic current L2	A			
4276	short (x10)	RD	Mean value: 11. harmonic current L2	A			
4277	short (x10)	RD	Mean value: 12. harmonic current L2	A			
4278	short (x10)	RD	Mean value: 13. harmonic current L2	A			
4279	short (x10)	RD	Mean value: 14. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4280	short (x10)	RD	Mean value: 15. harmonic current L2	A			
4281	short (x10)	RD	Mean value: 16. harmonic current L2	A			
4282	short (x10)	RD	Mean value: 17. harmonic current L2	A			
4283	short (x10)	RD	Mean value: 18. harmonic current L2	A			
4284	short (x10)	RD	Mean value: 19. harmonic current L2	A			
4285	short (x10)	RD	Mean value: 20. harmonic current L2	A			
4286	short (x10)	RD	Mean value: 21. harmonic current L2	A			
4287	short (x10)	RD	Mean value: 22. harmonic current L2	A			
4288	short (x10)	RD	Mean value: 23. harmonic current L2	A			
4289	short (x10)	RD	Mean value: 24. harmonic current L2	A			
4290	short (x10)	RD	Mean value: 25. harmonic current L2	A			
4291	short (x10)	RD	Mean value: 26. harmonic current L2	A			
4292	short (x10)	RD	Mean value: 27. harmonic current L2	A			
4293	short (x10)	RD	Mean value: 28. harmonic current L2	A			
4294	short (x10)	RD	Mean value: 29. harmonic current L2	A			
4295	short (x10)	RD	Mean value: 30. harmonic current L2	A			
4296	short (x10)	RD	Mean value: 31. harmonic current L2	A			
4297	short (x10)	RD	Mean value: 32. harmonic current L2	A			
4298	short (x10)	RD	Mean value: 33. harmonic current L2	A			
4299	short (x10)	RD	Mean value: 34. harmonic current L2	A			
4300	short (x10)	RD	Mean value: 35. harmonic current L2	A			
4301	short (x10)	RD	Mean value: 36. harmonic current L2	A			
4302	short (x10)	RD	Mean value: 37. harmonic current L2	A			
4303	short (x10)	RD	Mean value: 38. harmonic current L2	A			
4304	short (x10)	RD	Mean value: 39. harmonic current L2	A			
4305	short (x10)	RD	Mean value: 40. harmonic current L2	A			
4306	short (x10)	RD	Mean value: 1. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4307	short (x10)	RD	Mean value: 2. harmonic current L3	A			
4308	short (x10)	RD	Mean value: 3. harmonic current L3	A			
4309	short (x10)	RD	Mean value: 4. harmonic current L3	A			
4310	short (x10)	RD	Mean value: 5. harmonic current L3	A			
4311	short (x10)	RD	Mean value: 6. harmonic current L3	A			
4312	short (x10)	RD	Mean value: 7. harmonic current L3	A			
4313	short (x10)	RD	Mean value: 8. harmonic current L3	A			
4314	short (x10)	RD	Mean value: 9. harmonic current L3	A			
4315	short (x10)	RD	Mean value: 10. harmonic current L3	A			
4316	short (x10)	RD	Mean value: 11. harmonic current L3	A			
4317	short (x10)	RD	Mean value: 12. harmonic current L3	A			
4318	short (x10)	RD	Mean value: 13. harmonic current L3	A			
4319	short (x10)	RD	Mean value: 14. harmonic current L3	A			
4320	short (x10)	RD	Mean value: 15. harmonic current L3	A			
4321	short (x10)	RD	Mean value: 16. harmonic current L3	A			
4322	short (x10)	RD	Mean value: 17. harmonic current L3	A			
4323	short (x10)	RD	Mean value: 18. harmonic current L3	A			
4324	short (x10)	RD	Mean value: 19. harmonic current L3	A			
4325	short (x10)	RD	Mean value: 20. harmonic current L3	A			
4326	short (x10)	RD	Mean value: 21. harmonic current L3	A			
4327	short (x10)	RD	Mean value: 22. harmonic current L3	A			
4328	short (x10)	RD	Mean value: 23. harmonic current L3	A			
4329	short (x10)	RD	Mean value: 24. harmonic current L3	A			
4330	short (x10)	RD	Mean value: 25. harmonic current L3	A			
4331	short (x10)	RD	Mean value: 26. harmonic current L3	A			
4332	short (x10)	RD	Mean value: 27. harmonic current L3	A			
4333	short (x10)	RD	Mean value: 28. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4334	short (x10)	RD	Mean value: 29. harmonic current L3	A			
4335	short (x10)	RD	Mean value: 30. harmonic current L3	A			
4336	short (x10)	RD	Mean value: 31. harmonic current L3	A			
4337	short (x10)	RD	Mean value: 32. harmonic current L3	A			
4338	short (x10)	RD	Mean value: 33. harmonic current L3	A			
4339	short (x10)	RD	Mean value: 34. harmonic current L3	A			
4340	short (x10)	RD	Mean value: 35. harmonic current L3	A			
4341	short (x10)	RD	Mean value: 36. harmonic current L3	A			
4342	short (x10)	RD	Mean value: 37. harmonic current L3	A			
4343	short (x10)	RD	Mean value: 38. harmonic current L3	A			
4344	short (x10)	RD	Mean value: 39. harmonic current L3	A			
4345	short (x10)	RD	Mean value: 40. harmonic current L3	A			

Fourier analysis, maximum values, float

2598	float	RD	Maximum value: 1. harmonic voltage L1	V
2600	float	RD	Maximum value: 2. harmonic voltage L1	V
2602	float	RD	Maximum value: 3. harmonic voltage L1	V
2604	float	RD	Maximum value: 4. harmonic voltage L1	V
2606	float	RD	Maximum value: 5. harmonic voltage L1	V
2608	float	RD	Maximum value: 6. harmonic voltage L1	V
2610	float	RD	Maximum value: 7. harmonic voltage L1	V
2612	float	RD	Maximum value: 8. harmonic voltage L1	V
2614	float	RD	Maximum value: 9. harmonic voltage L1	V
2616	float	RD	Maximum value: 10. harmonic voltage L1	V
2618	float	RD	Maximum value: 11. harmonic voltage L1	V
2620	float	RD	Maximum value: 12. harmonic voltage L1	V
2622	float	RD	Maximum value: 13. harmonic voltage L1	V
2624	float	RD	Maximum value: 14. harmonic voltage L1	V
2626	float	RD	Maximum value: 15. harmonic voltage L1	V
2628	float	RD	Maximum value: 16. harmonic voltage L1	V
2630	float	RD	Maximum value: 17. harmonic voltage L1	V
2632	float	RD	Maximum value: 18. harmonic voltage L1	V
2634	float	RD	Maximum value: 19. harmonic voltage L1	V
2636	float	RD	Maximum value: 20. harmonic voltage L1	V
2638	float	RD	Maximum value: 21. harmonic voltage L1	V
2640	float	RD	Maximum value: 22. harmonic voltage L1	V
2642	float	RD	Maximum value: 23. harmonic voltage L1	V

Address	Type	Access Right	Description	Unit	Min	Max	Default
2644	float	RD	Maximum value: 24. harmonic voltage L1	V			
2646	float	RD	Maximum value: 25. harmonic voltage L1	V			
2648	float	RD	Maximum value: 26. harmonic voltage L1	V			
2650	float	RD	Maximum value: 27. harmonic voltage L1	V			
2652	float	RD	Maximum value: 28. harmonic voltage L1	V			
2654	float	RD	Maximum value: 29. harmonic voltage L1	V			
2656	float	RD	Maximum value: 30. harmonic voltage L1	V			
2658	float	RD	Maximum value: 31. harmonic voltage L1	V			
2660	float	RD	Maximum value: 32. harmonic voltage L1	V			
2662	float	RD	Maximum value: 33. harmonic voltage L1	V			
2664	float	RD	Maximum value: 34. harmonic voltage L1	V			
2666	float	RD	Maximum value: 35. harmonic voltage L1	V			
2668	float	RD	Maximum value: 36. harmonic voltage L1	V			
2670	float	RD	Maximum value: 37. harmonic voltage L1	V			
2672	float	RD	Maximum value: 38. harmonic voltage L1	V			
2674	float	RD	Maximum value: 39. harmonic voltage L1	V			
2676	float	RD	Maximum value: 40. harmonic voltage L1	V			
2678	float	RD	Maximum value: 1. harmonic voltage L2	V			
2680	float	RD	Maximum value: 2. harmonic voltage L2	V			
2682	float	RD	Maximum value: 3. harmonic voltage L2	V			
2684	float	RD	Maximum value: 4. harmonic voltage L2	V			
2686	float	RD	Maximum value: 5. harmonic voltage L2	V			
2688	float	RD	Maximum value: 6. harmonic voltage L2	V			
2690	float	RD	Maximum value: 7. harmonic voltage L2	V			
2692	float	RD	Maximum value: 8. harmonic voltage L2	V			
2694	float	RD	Maximum value: 9. harmonic voltage L2	V			
2696	float	RD	Maximum value: 10. harmonic voltage L2	V			
2698	float	RD	Maximum value: 11. harmonic voltage L2	V			
2700	float	RD	Maximum value: 12. harmonic voltage L2	V			
2702	float	RD	Maximum value: 13. harmonic voltage L2	V			
2704	float	RD	Maximum value: 14. harmonic voltage L2	V			
2706	float	RD	Maximum value: 15. harmonic voltage L2	V			
2708	float	RD	Maximum value: 16. harmonic voltage L2	V			
2710	float	RD	Maximum value: 17. harmonic voltage L2	V			
2712	float	RD	Maximum value: 18. harmonic voltage L2	V			
2714	float	RD	Maximum value: 19. harmonic voltage L2	V			
2716	float	RD	Maximum value: 20. harmonic voltage L2	V			
2718	float	RD	Maximum value: 21. harmonic voltage L2	V			
2720	float	RD	Maximum value: 22. harmonic voltage L2	V			
2722	float	RD	Maximum value: 23. harmonic voltage L2	V			
2724	float	RD	Maximum value: 24. harmonic voltage L2	V			
2726	float	RD	Maximum value: 25. harmonic voltage L2	V			
2728	float	RD	Maximum value: 26. harmonic voltage L2	V			
2730	float	RD	Maximum value: 27. harmonic voltage L2	V			
2732	float	RD	Maximum value: 28. harmonic voltage L2	V			
2734	float	RD	Maximum value: 29. harmonic voltage L2	V			
2736	float	RD	Maximum value: 30. harmonic voltage L2	V			
2738	float	RD	Maximum value: 31. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2740	float	RD	Maximum value: 32. harmonic voltage L2	V			
2742	float	RD	Maximum value: 33. harmonic voltage L2	V			
2744	float	RD	Maximum value: 34. harmonic voltage L2	V			
2746	float	RD	Maximum value: 35. harmonic voltage L2	V			
2748	float	RD	Maximum value: 36. harmonic voltage L2	V			
2750	float	RD	Maximum value: 37. harmonic voltage L2	V			
2752	float	RD	Maximum value: 38. harmonic voltage L2	V			
2754	float	RD	Maximum value: 39. harmonic voltage L2	V			
2756	float	RD	Maximum value: 40. harmonic voltage L2	V			
2758	float	RD	Maximum value: 1. harmonic voltage L3	V			
2760	float	RD	Maximum value: 2. harmonic voltage L3	V			
2762	float	RD	Maximum value: 3. harmonic voltage L3	V			
2764	float	RD	Maximum value: 4. harmonic voltage L3	V			
2766	float	RD	Maximum value: 5. harmonic voltage L3	V			
2768	float	RD	Maximum value: 6. harmonic voltage L3	V			
2770	float	RD	Maximum value: 7. harmonic voltage L3	V			
2772	float	RD	Maximum value: 8. harmonic voltage L3	V			
2774	float	RD	Maximum value: 9. harmonic voltage L3	V			
2776	float	RD	Maximum value: 10. harmonic voltage L3	V			
2778	float	RD	Maximum value: 11. harmonic voltage L3	V			
2780	float	RD	Maximum value: 12. harmonic voltage L3	V			
2782	float	RD	Maximum value: 13. harmonic voltage L3	V			
2784	float	RD	Maximum value: 14. harmonic voltage L3	V			
2786	float	RD	Maximum value: 15. harmonic voltage L3	V			
2788	float	RD	Maximum value: 16. harmonic voltage L3	V			
2790	float	RD	Maximum value: 17. harmonic voltage L3	V			
2792	float	RD	Maximum value: 18. harmonic voltage L3	V			
2794	float	RD	Maximum value: 19. harmonic voltage L3	V			
2796	float	RD	Maximum value: 20. harmonic voltage L3	V			
2798	float	RD	Maximum value: 21. harmonic voltage L3	V			
2800	float	RD	Maximum value: 22. harmonic voltage L3	V			
2802	float	RD	Maximum value: 23. harmonic voltage L3	V			
2804	float	RD	Maximum value: 24. harmonic voltage L3	V			
2806	float	RD	Maximum value: 25. harmonic voltage L3	V			
2808	float	RD	Maximum value: 26. harmonic voltage L3	V			
2810	float	RD	Maximum value: 27. harmonic voltage L3	V			
2812	float	RD	Maximum value: 28. harmonic voltage L3	V			
2814	float	RD	Maximum value: 29. harmonic voltage L3	V			
2816	float	RD	Maximum value: 30. harmonic voltage L3	V			
2818	float	RD	Maximum value: 31. harmonic voltage L3	V			
2820	float	RD	Maximum value: 32. harmonic voltage L3	V			
2822	float	RD	Maximum value: 33. harmonic voltage L3	V			
2824	float	RD	Maximum value: 34. harmonic voltage L3	V			
2826	float	RD	Maximum value: 35. harmonic voltage L3	V			
2828	float	RD	Maximum value: 36. harmonic voltage L3	V			
2830	float	RD	Maximum value: 37. harmonic voltage L3	V			
2832	float	RD	Maximum value: 38. harmonic voltage L3	V			
2834	float	RD	Maximum value: 39. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2836	float	RD	Maximum value: 40. harmonic voltage L3	V			
2838	float	RD	Maximum value: 1. harmonic voltage L1-L2	V			
2840	float	RD	Maximum value: 2. harmonic voltage L1-L2	V			
2842	float	RD	Maximum value: 3. harmonic voltage L1-L2	V			
2844	float	RD	Maximum value: 4. harmonic voltage L1-L2	V			
2846	float	RD	Maximum value: 5. harmonic voltage L1-L2	V			
2848	float	RD	Maximum value: 6. harmonic voltage L1-L2	V			
2850	float	RD	Maximum value: 7. harmonic voltage L1-L2	V			
2852	float	RD	Maximum value: 8. harmonic voltage L1-L2	V			
2854	float	RD	Maximum value: 9. harmonic voltage L1-L2	V			
2856	float	RD	Maximum value: 10. harmonic voltage L1-L2	V			
2858	float	RD	Maximum value: 11. harmonic voltage L1-L2	V			
2860	float	RD	Maximum value: 12. harmonic voltage L1-L2	V			
2862	float	RD	Maximum value: 13. harmonic voltage L1-L2	V			
2864	float	RD	Maximum value: 14. harmonic voltage L1-L2	V			
2866	float	RD	Maximum value: 15. harmonic voltage L1-L2	V			
2868	float	RD	Maximum value: 16. harmonic voltage L1-L2	V			
2870	float	RD	Maximum value: 17. harmonic voltage L1-L2	V			
2872	float	RD	Maximum value: 18. harmonic voltage L1-L2	V			
2874	float	RD	Maximum value: 19. harmonic voltage L1-L2	V			
2876	float	RD	Maximum value: 20. harmonic voltage L1-L2	V			
2878	float	RD	Maximum value: 21. harmonic voltage L1-L2	V			
2880	float	RD	Maximum value: 22. harmonic voltage L1-L2	V			
2882	float	RD	Maximum value: 23. harmonic voltage L1-L2	V			
2884	float	RD	Maximum value: 24. harmonic voltage L1-L2	V			
2886	float	RD	Maximum value: 25. harmonic voltage L1-L2	V			
2888	float	RD	Maximum value: 26. harmonic voltage L1-L2	V			
2890	float	RD	Maximum value: 27. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2892	float	RD	Maximum value: 28. harmonic voltage L1-L2	V			
2894	float	RD	Maximum value: 29. harmonic voltage L1-L2	V			
2896	float	RD	Maximum value: 30. harmonic voltage L1-L2	V			
2898	float	RD	Maximum value: 31. harmonic voltage L1-L2	V			
2900	float	RD	Maximum value: 32. harmonic voltage L1-L2	V			
2902	float	RD	Maximum value: 33. harmonic voltage L1-L2	V			
2904	float	RD	Maximum value: 34. harmonic voltage L1-L2	V			
2906	float	RD	Maximum value: 35. harmonic voltage L1-L2	V			
2908	float	RD	Maximum value: 36. harmonic voltage L1-L2	V			
2910	float	RD	Maximum value: 37. harmonic voltage L1-L2	V			
2912	float	RD	Maximum value: 38. harmonic voltage L1-L2	V			
2914	float	RD	Maximum value: 39. harmonic voltage L1-L2	V			
2916	float	RD	Maximum value: 40. harmonic voltage L1-L2	V			
2918	float	RD	Maximum value: 1. harmonic voltage L2-L3	V			
2920	float	RD	Maximum value: 2. harmonic voltage L2-L3	V			
2922	float	RD	Maximum value: 3. harmonic voltage L2-L3	V			
2924	float	RD	Maximum value: 4. harmonic voltage L2-L3	V			
2926	float	RD	Maximum value: 5. harmonic voltage L2-L3	V			
2928	float	RD	Maximum value: 6. harmonic voltage L2-L3	V			
2930	float	RD	Maximum value: 7. harmonic voltage L2-L3	V			
2932	float	RD	Maximum value: 8. harmonic voltage L2-L3	V			
2934	float	RD	Maximum value: 9. harmonic voltage L2-L3	V			
2936	float	RD	Maximum value: 10. harmonic voltage L2-L3	V			
2938	float	RD	Maximum value: 11. harmonic voltage L2-L3	V			
2940	float	RD	Maximum value: 12. harmonic voltage L2-L3	V			
2942	float	RD	Maximum value: 13. harmonic voltage L2-L3	V			
2944	float	RD	Maximum value: 14. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
2946	float	RD	Maximum value: 15. harmonic voltage L2-L3	V			
2948	float	RD	Maximum value: 16. harmonic voltage L2-L3	V			
2950	float	RD	Maximum value: 17. harmonic voltage L2-L3	V			
2952	float	RD	Maximum value: 18. harmonic voltage L2-L3	V			
2954	float	RD	Maximum value: 19. harmonic voltage L2-L3	V			
2956	float	RD	Maximum value: 20. harmonic voltage L2-L3	V			
2958	float	RD	Maximum value: 21. harmonic voltage L2-L3	V			
2960	float	RD	Maximum value: 22. harmonic voltage L2-L3	V			
2962	float	RD	Maximum value: 23. harmonic voltage L2-L3	V			
2964	float	RD	Maximum value: 24. harmonic voltage L2-L3	V			
2966	float	RD	Maximum value: 25. harmonic voltage L2-L3	V			
2968	float	RD	Maximum value: 26. harmonic voltage L2-L3	V			
2970	float	RD	Maximum value: 27. harmonic voltage L2-L3	V			
2972	float	RD	Maximum value: 28. harmonic voltage L2-L3	V			
2974	float	RD	Maximum value: 29. harmonic voltage L2-L3	V			
2976	float	RD	Maximum value: 30. harmonic voltage L2-L3	V			
2978	float	RD	Maximum value: 31. harmonic voltage L2-L3	V			
2980	float	RD	Maximum value: 32. harmonic voltage L2-L3	V			
2982	float	RD	Maximum value: 33. harmonic voltage L2-L3	V			
2984	float	RD	Maximum value: 34. harmonic voltage L2-L3	V			
2986	float	RD	Maximum value: 35. harmonic voltage L2-L3	V			
2988	float	RD	Maximum value: 36. harmonic voltage L2-L3	V			
2990	float	RD	Maximum value: 37. harmonic voltage L2-L3	V			
2992	float	RD	Maximum value: 38. harmonic voltage L2-L3	V			
2994	float	RD	Maximum value: 39. harmonic voltage L2-L3	V			
2996	float	RD	Maximum value: 40. harmonic voltage L2-L3	V			
2998	float	RD	Maximum value: 1. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3000	float	RD	Maximum value: 2. harmonic voltage L3-L1	V			
3002	float	RD	Maximum value: 3. harmonic voltage L3-L1	V			
3004	float	RD	Maximum value: 4. harmonic voltage L3-L1	V			
3006	float	RD	Maximum value: 5. harmonic voltage L3-L1	V			
3008	float	RD	Maximum value: 6. harmonic voltage L3-L1	V			
3010	float	RD	Maximum value: 7. harmonic voltage L3-L1	V			
3012	float	RD	Maximum value: 8. harmonic voltage L3-L1	V			
3014	float	RD	Maximum value: 9. harmonic voltage L3-L1	V			
3016	float	RD	Maximum value: 10. harmonic voltage L3-L1	V			
3018	float	RD	Maximum value: 11. harmonic voltage L3-L1	V			
3020	float	RD	Maximum value: 12. harmonic voltage L3-L1	V			
3022	float	RD	Maximum value: 13. harmonic voltage L3-L1	V			
3024	float	RD	Maximum value: 14. harmonic voltage L3-L1	V			
3026	float	RD	Maximum value: 15. harmonic voltage L3-L1	V			
3028	float	RD	Maximum value: 16. harmonic voltage L3-L1	V			
3030	float	RD	Maximum value: 17. harmonic voltage L3-L1	V			
3032	float	RD	Maximum value: 18. harmonic voltage L3-L1	V			
3034	float	RD	Maximum value: 19. harmonic voltage L3-L1	V			
3036	float	RD	Maximum value: 20. harmonic voltage L3-L1	V			
3038	float	RD	Maximum value: 21. harmonic voltage L3-L1	V			
3040	float	RD	Maximum value: 22. harmonic voltage L3-L1	V			
3042	float	RD	Maximum value: 23. harmonic voltage L3-L1	V			
3044	float	RD	Maximum value: 24. harmonic voltage L3-L1	V			
3046	float	RD	Maximum value: 25. harmonic voltage L3-L1	V			
3048	float	RD	Maximum value: 26. harmonic voltage L3-L1	V			
3050	float	RD	Maximum value: 27. harmonic voltage L3-L1	V			
3052	float	RD	Maximum value: 28. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3054	float	RD	Maximum value: 29. harmonic voltage L3-L1	V			
3056	float	RD	Maximum value: 30. harmonic voltage L3-L1	V			
3058	float	RD	Maximum value: 31. harmonic voltage L3-L1	V			
3060	float	RD	Maximum value: 32. harmonic voltage L3-L1	V			
3062	float	RD	Maximum value: 33. harmonic voltage L3-L1	V			
3064	float	RD	Maximum value: 34. harmonic voltage L3-L1	V			
3066	float	RD	Maximum value: 35. harmonic voltage L3-L1	V			
3068	float	RD	Maximum value: 36. harmonic voltage L3-L1	V			
3070	float	RD	Maximum value: 37. harmonic voltage L3-L1	V			
3072	float	RD	Maximum value: 38. harmonic voltage L3-L1	V			
3074	float	RD	Maximum value: 39. harmonic voltage L3-L1	V			
3076	float	RD	Maximum value: 40. harmonic voltage L3-L1	V			
3118	float	RD	Maximum value: 1. harmonic current L1	A			
3120	float	RD	Maximum value: 2. harmonic current L1	A			
3122	float	RD	Maximum value: 3. harmonic current L1	A			
3124	float	RD	Maximum value: 4. harmonic current L1	A			
3126	float	RD	Maximum value: 5. harmonic current L1	A			
3128	float	RD	Maximum value: 6. harmonic current L1	A			
3130	float	RD	Maximum value: 7. harmonic current L1	A			
3132	float	RD	Maximum value: 8. harmonic current L1	A			
3134	float	RD	Maximum value: 9. harmonic current L1	A			
3136	float	RD	Maximum value: 10. harmonic current L1	A			
3138	float	RD	Maximum value: 11. harmonic current L1	A			
3140	float	RD	Maximum value: 12. harmonic current L1	A			
3142	float	RD	Maximum value: 13. harmonic current L1	A			
3144	float	RD	Maximum value: 14. harmonic current L1	A			
3146	float	RD	Maximum value: 15. harmonic current L1	A			
3148	float	RD	Maximum value: 16. harmonic current L1	A			
3150	float	RD	Maximum value: 17. harmonic current L1	A			
3152	float	RD	Maximum value: 18. harmonic current L1	A			
3154	float	RD	Maximum value: 19. harmonic current L1	A			
3156	float	RD	Maximum value: 20. harmonic current L1	A			
3158	float	RD	Maximum value: 21. harmonic current L1	A			
3160	float	RD	Maximum value: 22. harmonic current L1	A			
3162	float	RD	Maximum value: 23. harmonic current L1	A			
3164	float	RD	Maximum value: 24. harmonic current L1	A			
3166	float	RD	Maximum value: 25. harmonic current L1	A			
3168	float	RD	Maximum value: 26. harmonic current L1	A			
3170	float	RD	Maximum value: 27. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3172	float	RD	Maximum value: 28. harmonic current L1	A			
3174	float	RD	Maximum value: 29. harmonic current L1	A			
3176	float	RD	Maximum value: 30. harmonic current L1	A			
3178	float	RD	Maximum value: 31. harmonic current L1	A			
3180	float	RD	Maximum value: 32. harmonic current L1	A			
3182	float	RD	Maximum value: 33. harmonic current L1	A			
3184	float	RD	Maximum value: 34. harmonic current L1	A			
3186	float	RD	Maximum value: 35. harmonic current L1	A			
3188	float	RD	Maximum value: 36. harmonic current L1	A			
3190	float	RD	Maximum value: 37. harmonic current L1	A			
3192	float	RD	Maximum value: 38. harmonic current L1	A			
3194	float	RD	Maximum value: 39. harmonic current L1	A			
3196	float	RD	Maximum value: 40. harmonic current L1	A			
3198	float	RD	Maximum value: 1. harmonic current L2	A			
3200	float	RD	Maximum value: 2. harmonic current L2	A			
3202	float	RD	Maximum value: 3. harmonic current L2	A			
3204	float	RD	Maximum value: 4. harmonic current L2	A			
3206	float	RD	Maximum value: 5. harmonic current L2	A			
3208	float	RD	Maximum value: 6. harmonic current L2	A			
3210	float	RD	Maximum value: 7. harmonic current L2	A			
3212	float	RD	Maximum value: 8. harmonic current L2	A			
3214	float	RD	Maximum value: 9. harmonic current L2	A			
3216	float	RD	Maximum value: 10. harmonic current L2	A			
3218	float	RD	Maximum value: 11. harmonic current L2	A			
3220	float	RD	Maximum value: 12. harmonic current L2	A			
3222	float	RD	Maximum value: 13. harmonic current L2	A			
3224	float	RD	Maximum value: 14. harmonic current L2	A			
3226	float	RD	Maximum value: 15. harmonic current L2	A			
3228	float	RD	Maximum value: 16. harmonic current L2	A			
3230	float	RD	Maximum value: 17. harmonic current L2	A			
3232	float	RD	Maximum value: 18. harmonic current L2	A			
3234	float	RD	Maximum value: 19. harmonic current L2	A			
3236	float	RD	Maximum value: 20. harmonic current L2	A			
3238	float	RD	Maximum value: 21. harmonic current L2	A			
3240	float	RD	Maximum value: 22. harmonic current L2	A			
3242	float	RD	Maximum value: 23. harmonic current L2	A			
3244	float	RD	Maximum value: 24. harmonic current L2	A			
3246	float	RD	Maximum value: 25. harmonic current L2	A			
3248	float	RD	Maximum value: 26. harmonic current L2	A			
3250	float	RD	Maximum value: 27. harmonic current L2	A			
3252	float	RD	Maximum value: 28. harmonic current L2	A			
3254	float	RD	Maximum value: 29. harmonic current L2	A			
3256	float	RD	Maximum value: 30. harmonic current L2	A			
3258	float	RD	Maximum value: 31. harmonic current L2	A			
3260	float	RD	Maximum value: 32. harmonic current L2	A			
3262	float	RD	Maximum value: 33. harmonic current L2	A			
3264	float	RD	Maximum value: 34. harmonic current L2	A			
3266	float	RD	Maximum value: 35. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
3268	float	RD	Maximum value: 36. harmonic current L2	A			
3270	float	RD	Maximum value: 37. harmonic current L2	A			
3272	float	RD	Maximum value: 38. harmonic current L2	A			
3274	float	RD	Maximum value: 39. harmonic current L2	A			
3276	float	RD	Maximum value: 40. harmonic current L2	A			
3278	float	RD	Maximum value: 1. harmonic current L3	A			
3280	float	RD	Maximum value: 2. harmonic current L3	A			
3282	float	RD	Maximum value: 3. harmonic current L3	A			
3284	float	RD	Maximum value: 4. harmonic current L3	A			
3286	float	RD	Maximum value: 5. harmonic current L3	A			
3288	float	RD	Maximum value: 6. harmonic current L3	A			
3290	float	RD	Maximum value: 7. harmonic current L3	A			
3292	float	RD	Maximum value: 8. harmonic current L3	A			
3294	float	RD	Maximum value: 9. harmonic current L3	A			
3296	float	RD	Maximum value: 10. harmonic current L3	A			
3298	float	RD	Maximum value: 11. harmonic current L3	A			
3300	float	RD	Maximum value: 12. harmonic current L3	A			
3302	float	RD	Maximum value: 13. harmonic current L3	A			
3304	float	RD	Maximum value: 14. harmonic current L3	A			
3306	float	RD	Maximum value: 15. harmonic current L3	A			
3308	float	RD	Maximum value: 16. harmonic current L3	A			
3310	float	RD	Maximum value: 17. harmonic current L3	A			
3312	float	RD	Maximum value: 18. harmonic current L3	A			
3314	float	RD	Maximum value: 19. harmonic current L3	A			
3316	float	RD	Maximum value: 20. harmonic current L3	A			
3318	float	RD	Maximum value: 21. harmonic current L3	A			
3320	float	RD	Maximum value: 22. harmonic current L3	A			
3322	float	RD	Maximum value: 23. harmonic current L3	A			
3324	float	RD	Maximum value: 24. harmonic current L3	A			
3326	float	RD	Maximum value: 25. harmonic current L3	A			
3328	float	RD	Maximum value: 26. harmonic current L3	A			
3330	float	RD	Maximum value: 27. harmonic current L3	A			
3332	float	RD	Maximum value: 28. harmonic current L3	A			
3334	float	RD	Maximum value: 29. harmonic current L3	A			
3336	float	RD	Maximum value: 30. harmonic current L3	A			
3338	float	RD	Maximum value: 31. harmonic current L3	A			
3340	float	RD	Maximum value: 32. harmonic current L3	A			
3342	float	RD	Maximum value: 33. harmonic current L3	A			
3344	float	RD	Maximum value: 34. harmonic current L3	A			
3346	float	RD	Maximum value: 35. harmonic current L3	A			
3348	float	RD	Maximum value: 36. harmonic current L3	A			
3350	float	RD	Maximum value: 37. harmonic current L3	A			
3352	float	RD	Maximum value: 38. harmonic current L3	A			
3354	float	RD	Maximum value: 39. harmonic current L3	A			
3356	float	RD	Maximum value: 40. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
Fourier analysis, maximum values, short							
4395	short (x10)	RD	Maximum value: 1. harmonic voltage L1	V			
4396	short (x10)	RD	Maximum value: 2. harmonic voltage L1	V			
4397	short (x10)	RD	Maximum value: 3. harmonic voltage L1	V			
4398	short (x10)	RD	Maximum value: 4. harmonic voltage L1	V			
4399	short (x10)	RD	Maximum value: 5. harmonic voltage L1	V			
4400	short (x10)	RD	Maximum value: 6. harmonic voltage L1	V			
4401	short (x10)	RD	Maximum value: 7. harmonic voltage L1	V			
4402	short (x10)	RD	Maximum value: 8. harmonic voltage L1	V			
4403	short (x10)	RD	Maximum value: 9. harmonic voltage L1	V			
4404	short (x10)	RD	Maximum value: 10. harmonic voltage L1	V			
4405	short (x10)	RD	Maximum value: 11. harmonic voltage L1	V			
4406	short (x10)	RD	Maximum value: 12. harmonic voltage L1	V			
4407	short (x10)	RD	Maximum value: 13. harmonic voltage L1	V			
4408	short (x10)	RD	Maximum value: 14. harmonic voltage L1	V			
4409	short (x10)	RD	Maximum value: 15. harmonic voltage L1	V			
4410	short (x10)	RD	Maximum value: 16. harmonic voltage L1	V			
4411	short (x10)	RD	Maximum value: 17. harmonic voltage L1	V			
4412	short (x10)	RD	Maximum value: 18. harmonic voltage L1	V			
4413	short (x10)	RD	Maximum value: 19. harmonic voltage L1	V			
4414	short (x10)	RD	Maximum value: 20. harmonic voltage L1	V			
4415	short (x10)	RD	Maximum value: 21. harmonic voltage L1	V			
4416	short (x10)	RD	Maximum value: 22. harmonic voltage L1	V			
4417	short (x10)	RD	Maximum value: 23. harmonic voltage L1	V			
4418	short (x10)	RD	Maximum value: 24. harmonic voltage L1	V			
4419	short (x10)	RD	Maximum value: 25. harmonic voltage L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4420	short (x10)	RD	Maximum value: 26. harmonic voltage L1	V			
4421	short (x10)	RD	Maximum value: 27. harmonic voltage L1	V			
4422	short (x10)	RD	Maximum value: 28. harmonic voltage L1	V			
4423	short (x10)	RD	Maximum value: 29. harmonic voltage L1	V			
4424	short (x10)	RD	Maximum value: 30. harmonic voltage L1	V			
4425	short (x10)	RD	Maximum value: 31. harmonic voltage L1	V			
4426	short (x10)	RD	Maximum value: 32. harmonic voltage L1	V			
4427	short (x10)	RD	Maximum value: 33. harmonic voltage L1	V			
4428	short (x10)	RD	Maximum value: 34. harmonic voltage L1	V			
4429	short (x10)	RD	Maximum value: 35. harmonic voltage L1	V			
4430	short (x10)	RD	Maximum value: 36. harmonic voltage L1	V			
4431	short (x10)	RD	Maximum value: 37. harmonic voltage L1	V			
4432	short (x10)	RD	Maximum value: 38. harmonic voltage L1	V			
4433	short (x10)	RD	Maximum value: 39. harmonic voltage L1	V			
4434	short (x10)	RD	Maximum value: 40. harmonic voltage L1	V			
4435	short (x10)	RD	Maximum value: 1. harmonic voltage L2	V			
4436	short (x10)	RD	Maximum value: 2. harmonic voltage L2	V			
4437	short (x10)	RD	Maximum value: 3. harmonic voltage L2	V			
4438	short (x10)	RD	Maximum value: 4. harmonic voltage L2	V			
4439	short (x10)	RD	Maximum value: 5. harmonic voltage L2	V			
4440	short (x10)	RD	Maximum value: 6. harmonic voltage L2	V			
4441	short (x10)	RD	Maximum value: 7. harmonic voltage L2	V			
4442	short (x10)	RD	Maximum value: 8. harmonic voltage L2	V			
4443	short (x10)	RD	Maximum value: 9. harmonic voltage L2	V			
4444	short (x10)	RD	Maximum value: 10. harmonic voltage L2	V			
4445	short (x10)	RD	Maximum value: 11. harmonic voltage L2	V			
4446	short (x10)	RD	Maximum value: 12. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4447	short (x10)	RD	Maximum value: 13. harmonic voltage L2	V			
4448	short (x10)	RD	Maximum value: 14. harmonic voltage L2	V			
4449	short (x10)	RD	Maximum value: 15. harmonic voltage L2	V			
4450	short (x10)	RD	Maximum value: 16. harmonic voltage L2	V			
4451	short (x10)	RD	Maximum value: 17. harmonic voltage L2	V			
4452	short (x10)	RD	Maximum value: 18. harmonic voltage L2	V			
4453	short (x10)	RD	Maximum value: 19. harmonic voltage L2	V			
4454	short (x10)	RD	Maximum value: 20. harmonic voltage L2	V			
4455	short (x10)	RD	Maximum value: 21. harmonic voltage L2	V			
4456	short (x10)	RD	Maximum value: 22. harmonic voltage L2	V			
4457	short (x10)	RD	Maximum value: 23. harmonic voltage L2	V			
4458	short (x10)	RD	Maximum value: 24. harmonic voltage L2	V			
4459	short (x10)	RD	Maximum value: 25. harmonic voltage L2	V			
4460	short (x10)	RD	Maximum value: 26. harmonic voltage L2	V			
4461	short (x10)	RD	Maximum value: 27. harmonic voltage L2	V			
4462	short (x10)	RD	Maximum value: 28. harmonic voltage L2	V			
4463	short (x10)	RD	Maximum value: 29. harmonic voltage L2	V			
4464	short (x10)	RD	Maximum value: 30. harmonic voltage L2	V			
4465	short (x10)	RD	Maximum value: 31. harmonic voltage L2	V			
4466	short (x10)	RD	Maximum value: 32. harmonic voltage L2	V			
4467	short (x10)	RD	Maximum value: 33. harmonic voltage L2	V			
4468	short (x10)	RD	Maximum value: 34. harmonic voltage L2	V			
4469	short (x10)	RD	Maximum value: 35. harmonic voltage L2	V			
4470	short (x10)	RD	Maximum value: 36. harmonic voltage L2	V			
4471	short (x10)	RD	Maximum value: 37. harmonic voltage L2	V			
4472	short (x10)	RD	Maximum value: 38. harmonic voltage L2	V			
4473	short (x10)	RD	Maximum value: 39. harmonic voltage L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4474	short (x10)	RD	Maximum value: 40. harmonic voltage L2	V			
4475	short (x10)	RD	Maximum value: 1. harmonic voltage L3	V			
4476	short (x10)	RD	Maximum value: 2. harmonic voltage L3	V			
4477	short (x10)	RD	Maximum value: 3. harmonic voltage L3	V			
4478	short (x10)	RD	Maximum value: 4. harmonic voltage L3	V			
4479	short (x10)	RD	Maximum value: 5. harmonic voltage L3	V			
4480	short (x10)	RD	Maximum value: 6. harmonic voltage L3	V			
4481	short (x10)	RD	Maximum value: 7. harmonic voltage L3	V			
4482	short (x10)	RD	Maximum value: 8. harmonic voltage L3	V			
4483	short (x10)	RD	Maximum value: 9. harmonic voltage L3	V			
4484	short (x10)	RD	Maximum value: 10. harmonic voltage L3	V			
4485	short (x10)	RD	Maximum value: 11. harmonic voltage L3	V			
4486	short (x10)	RD	Maximum value: 12. harmonic voltage L3	V			
4487	short (x10)	RD	Maximum value: 13. harmonic voltage L3	V			
4488	short (x10)	RD	Maximum value: 14. harmonic voltage L3	V			
4489	short (x10)	RD	Maximum value: 15. harmonic voltage L3	V			
4490	short (x10)	RD	Maximum value: 16. harmonic voltage L3	V			
4491	short (x10)	RD	Maximum value: 17. harmonic voltage L3	V			
4492	short (x10)	RD	Maximum value: 18. harmonic voltage L3	V			
4493	short (x10)	RD	Maximum value: 19. harmonic voltage L3	V			
4494	short (x10)	RD	Maximum value: 20. harmonic voltage L3	V			
4495	short (x10)	RD	Maximum value: 21. harmonic voltage L3	V			
4496	short (x10)	RD	Maximum value: 22. harmonic voltage L3	V			
4497	short (x10)	RD	Maximum value: 23. harmonic voltage L3	V			
4498	short (x10)	RD	Maximum value: 24. harmonic voltage L3	V			
4499	short (x10)	RD	Maximum value: 25. harmonic voltage L3	V			
4500	short (x10)	RD	Maximum value: 26. harmonic voltage L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4501	short (x10)	RD	Maximum value: 27. harmonic voltage L3	V			
4502	short (x10)	RD	Maximum value: 28. harmonic voltage L3	V			
4503	short (x10)	RD	Maximum value: 29. harmonic voltage L3	V			
4504	short (x10)	RD	Maximum value: 30. harmonic voltage L3	V			
4505	short (x10)	RD	Maximum value: 31. harmonic voltage L3	V			
4506	short (x10)	RD	Maximum value: 32. harmonic voltage L3	V			
4507	short (x10)	RD	Maximum value: 33. harmonic voltage L3	V			
4508	short (x10)	RD	Maximum value: 34. harmonic voltage L3	V			
4509	short (x10)	RD	Maximum value: 35. harmonic voltage L3	V			
4510	short (x10)	RD	Maximum value: 36. harmonic voltage L3	V			
4511	short (x10)	RD	Maximum value: 37. harmonic voltage L3	V			
4512	short (x10)	RD	Maximum value: 38. harmonic voltage L3	V			
4513	short (x10)	RD	Maximum value: 39. harmonic voltage L3	V			
4514	short (x10)	RD	Maximum value: 40. harmonic voltage L3	V			
4515	short (x10)	RD	Maximum value: 1. harmonic voltage L1-L2	V			
4516	short (x10)	RD	Maximum value: 2. harmonic voltage L1-L2	V			
4517	short (x10)	RD	Maximum value: 3. harmonic voltage L1-L2	V			
4518	short (x10)	RD	Maximum value: 4. harmonic voltage L1-L2	V			
4519	short (x10)	RD	Maximum value: 5. harmonic voltage L1-L2	V			
4520	short (x10)	RD	Maximum value: 6. harmonic voltage L1-L2	V			
4521	short (x10)	RD	Maximum value: 7. harmonic voltage L1-L2	V			
4522	short (x10)	RD	Maximum value: 8. harmonic voltage L1-L2	V			
4523	short (x10)	RD	Maximum value: 9. harmonic voltage L1-L2	V			
4524	short (x10)	RD	Maximum value: 10. harmonic voltage L1-L2	V			
4525	short (x10)	RD	Maximum value: 11. harmonic voltage L1-L2	V			
4526	short (x10)	RD	Maximum value: 12. harmonic voltage L1-L2	V			
4527	short (x10)	RD	Maximum value: 13. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4528	short (x10)	RD	Maximum value: 14. harmonic voltage L1-L2	V			
4529	short (x10)	RD	Maximum value: 15. harmonic voltage L1-L2	V			
4530	short (x10)	RD	Maximum value: 16. harmonic voltage L1-L2	V			
4531	short (x10)	RD	Maximum value: 17. harmonic voltage L1-L2	V			
4532	short (x10)	RD	Maximum value: 18. harmonic voltage L1-L2	V			
4533	short (x10)	RD	Maximum value: 19. harmonic voltage L1-L2	V			
4534	short (x10)	RD	Maximum value: 20. harmonic voltage L1-L2	V			
4535	short (x10)	RD	Maximum value: 21. harmonic voltage L1-L2	V			
4536	short (x10)	RD	Maximum value: 22. harmonic voltage L1-L2	V			
4537	short (x10)	RD	Maximum value: 23. harmonic voltage L1-L2	V			
4538	short (x10)	RD	Maximum value: 24. harmonic voltage L1-L2	V			
4539	short (x10)	RD	Maximum value: 25. harmonic voltage L1-L2	V			
4540	short (x10)	RD	Maximum value: 26. harmonic voltage L1-L2	V			
4541	short (x10)	RD	Maximum value: 27. harmonic voltage L1-L2	V			
4542	short (x10)	RD	Maximum value: 28. harmonic voltage L1-L2	V			
4543	short (x10)	RD	Maximum value: 29. harmonic voltage L1-L2	V			
4544	short (x10)	RD	Maximum value: 30. harmonic voltage L1-L2	V			
4545	short (x10)	RD	Maximum value: 31. harmonic voltage L1-L2	V			
4546	short (x10)	RD	Maximum value: 32. harmonic voltage L1-L2	V			
4547	short (x10)	RD	Maximum value: 33. harmonic voltage L1-L2	V			
4548	short (x10)	RD	Maximum value: 34. harmonic voltage L1-L2	V			
4549	short (x10)	RD	Maximum value: 35. harmonic voltage L1-L2	V			
4550	short (x10)	RD	Maximum value: 36. harmonic voltage L1-L2	V			
4551	short (x10)	RD	Maximum value: 37. harmonic voltage L1-L2	V			
4552	short (x10)	RD	Maximum value: 38. harmonic voltage L1-L2	V			
4553	short (x10)	RD	Maximum value: 39. harmonic voltage L1-L2	V			
4554	short (x10)	RD	Maximum value: 40. harmonic voltage L1-L2	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4555	short (x10)	RD	Maximum value: 1. harmonic voltage L2-L3	V			
4556	short (x10)	RD	Maximum value: 2. harmonic voltage L2-L3	V			
4557	short (x10)	RD	Maximum value: 3. harmonic voltage L2-L3	V			
4558	short (x10)	RD	Maximum value: 4. harmonic voltage L2-L3	V			
4559	short (x10)	RD	Maximum value: 5. harmonic voltage L2-L3	V			
4560	short (x10)	RD	Maximum value: 6. harmonic voltage L2-L3	V			
4561	short (x10)	RD	Maximum value: 7. harmonic voltage L2-L3	V			
4562	short (x10)	RD	Maximum value: 8. harmonic voltage L2-L3	V			
4563	short (x10)	RD	Maximum value: 9. harmonic voltage L2-L3	V			
4564	short (x10)	RD	Maximum value: 10. harmonic voltage L2-L3	V			
4565	short (x10)	RD	Maximum value: 11. harmonic voltage L2-L3	V			
4566	short (x10)	RD	Maximum value: 12. harmonic voltage L2-L3	V			
4567	short (x10)	RD	Maximum value: 13. harmonic voltage L2-L3	V			
4568	short (x10)	RD	Maximum value: 14. harmonic voltage L2-L3	V			
4569	short (x10)	RD	Maximum value: 15. harmonic voltage L2-L3	V			
4570	short (x10)	RD	Maximum value: 16. harmonic voltage L2-L3	V			
4571	short (x10)	RD	Maximum value: 17. harmonic voltage L2-L3	V			
4572	short (x10)	RD	Maximum value: 18. harmonic voltage L2-L3	V			
4573	short (x10)	RD	Maximum value: 19. harmonic voltage L2-L3	V			
4574	short (x10)	RD	Maximum value: 20. harmonic voltage L2-L3	V			
4575	short (x10)	RD	Maximum value: 21. harmonic voltage L2-L3	V			
4576	short (x10)	RD	Maximum value: 22. harmonic voltage L2-L3	V			
4577	short (x10)	RD	Maximum value: 23. harmonic voltage L2-L3	V			
4578	short (x10)	RD	Maximum value: 24. harmonic voltage L2-L3	V			
4579	short (x10)	RD	Maximum value: 25. harmonic voltage L2-L3	V			
4580	short (x10)	RD	Maximum value: 26. harmonic voltage L2-L3	V			
4581	short (x10)	RD	Maximum value: 27. harmonic voltage L2-L3	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4582	short (x10)	RD	Maximum value: 28. harmonic voltage L2-L3	V			
4583	short (x10)	RD	Maximum value: 29. harmonic voltage L2-L3	V			
4584	short (x10)	RD	Maximum value: 30. harmonic voltage L2-L3	V			
4585	short (x10)	RD	Maximum value: 31. harmonic voltage L2-L3	V			
4586	short (x10)	RD	Maximum value: 32. harmonic voltage L2-L3	V			
4587	short (x10)	RD	Maximum value: 33. harmonic voltage L2-L3	V			
4588	short (x10)	RD	Maximum value: 34. harmonic voltage L2-L3	V			
4589	short (x10)	RD	Maximum value: 35. harmonic voltage L2-L3	V			
4590	short (x10)	RD	Maximum value: 36. harmonic voltage L2-L3	V			
4591	short (x10)	RD	Maximum value: 37. harmonic voltage L2-L3	V			
4592	short (x10)	RD	Maximum value: 38. harmonic voltage L2-L3	V			
4593	short (x10)	RD	Maximum value: 39. harmonic voltage L2-L3	V			
4594	short (x10)	RD	Maximum value: 40. harmonic voltage L2-L3	V			
4595	short (x10)	RD	Maximum value: 1. harmonic voltage L3-L1	V			
4596	short (x10)	RD	Maximum value: 2. harmonic voltage L3-L1	V			
4597	short (x10)	RD	Maximum value: 3. harmonic voltage L3-L1	V			
4598	short (x10)	RD	Maximum value: 4. harmonic voltage L3-L1	V			
4599	short (x10)	RD	Maximum value: 5. harmonic voltage L3-L1	V			
4600	short (x10)	RD	Maximum value: 6. harmonic voltage L3-L1	V			
4601	short (x10)	RD	Maximum value: 7. harmonic voltage L3-L1	V			
4602	short (x10)	RD	Maximum value: 8. harmonic voltage L3-L1	V			
4603	short (x10)	RD	Maximum value: 9. harmonic voltage L3-L1	V			
4604	short (x10)	RD	Maximum value: 10. harmonic voltage L3-L1	V			
4605	short (x10)	RD	Maximum value: 11. harmonic voltage L3-L1	V			
4606	short (x10)	RD	Maximum value: 12. harmonic voltage L3-L1	V			
4607	short (x10)	RD	Maximum value: 13. harmonic voltage L3-L1	V			
4608	short (x10)	RD	Maximum value: 14. harmonic voltage L3-L1	V			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4609	short (x10)	RD	Maximum value: 15. harmonic voltage L3-L1	V			
4610	short (x10)	RD	Maximum value: 16. harmonic voltage L3-L1	V			
4611	short (x10)	RD	Maximum value: 17. harmonic voltage L3-L1	V			
4612	short (x10)	RD	Maximum value: 18. harmonic voltage L3-L1	V			
4613	short (x10)	RD	Maximum value: 19. harmonic voltage L3-L1	V			
4614	short (x10)	RD	Maximum value: 20. harmonic voltage L3-L1	V			
4615	short (x10)	RD	Maximum value: 21. harmonic voltage L3-L1	V			
4616	short (x10)	RD	Maximum value: 22. harmonic voltage L3-L1	V			
4617	short (x10)	RD	Maximum value: 23. harmonic voltage L3-L1	V			
4618	short (x10)	RD	Maximum value: 24. harmonic voltage L3-L1	V			
4619	short (x10)	RD	Maximum value: 25. harmonic voltage L3-L1	V			
4620	short (x10)	RD	Maximum value: 26. harmonic voltage L3-L1	V			
4621	short (x10)	RD	Maximum value: 27. harmonic voltage L3-L1	V			
4622	short (x10)	RD	Maximum value: 28. harmonic voltage L3-L1	V			
4623	short (x10)	RD	Maximum value: 29. harmonic voltage L3-L1	V			
4624	short (x10)	RD	Maximum value: 30. harmonic voltage L3-L1	V			
4625	short (x10)	RD	Maximum value: 31. harmonic voltage L3-L1	V			
4626	short (x10)	RD	Maximum value: 32. harmonic voltage L3-L1	V			
4627	short (x10)	RD	Maximum value: 33. harmonic voltage L3-L1	V			
4628	short (x10)	RD	Maximum value: 34. harmonic voltage L3-L1	V			
4629	short (x10)	RD	Maximum value: 35. harmonic voltage L3-L1	V			
4630	short (x10)	RD	Maximum value: 36. harmonic voltage L3-L1	V			
4631	short (x10)	RD	Maximum value: 37. harmonic voltage L3-L1	V			
4632	short (x10)	RD	Maximum value: 38. harmonic voltage L3-L1	V			
4633	short (x10)	RD	Maximum value: 39. harmonic voltage L3-L1	V			
4634	short (x10)	RD	Maximum value: 40. harmonic voltage L3-L1	V			
4655	short (x10)	RD	Maximum value: 1. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4656	short (x10)	RD	Maximum value: 2. harmonic current L1	A			
4657	short (x10)	RD	Maximum value: 3. harmonic current L1	A			
4658	short (x10)	RD	Maximum value: 4. harmonic current L1	A			
4659	short (x10)	RD	Maximum value: 5. harmonic current L1	A			
4660	short (x10)	RD	Maximum value: 6. harmonic current L1	A			
4661	short (x10)	RD	Maximum value: 7. harmonic current L1	A			
4662	short (x10)	RD	Maximum value: 8. harmonic current L1	A			
4663	short (x10)	RD	Maximum value: 9. harmonic current L1	A			
4664	short (x10)	RD	Maximum value: 10. harmonic current L1	A			
4665	short (x10)	RD	Maximum value: 11. harmonic current L1	A			
4666	short (x10)	RD	Maximum value: 12. harmonic current L1	A			
4667	short (x10)	RD	Maximum value: 13. harmonic current L1	A			
4668	short (x10)	RD	Maximum value: 14. harmonic current L1	A			
4669	short (x10)	RD	Maximum value: 15. harmonic current L1	A			
4670	short (x10)	RD	Maximum value: 16. harmonic current L1	A			
4671	short (x10)	RD	Maximum value: 17. harmonic current L1	A			
4672	short (x10)	RD	Maximum value: 18. harmonic current L1	A			
4673	short (x10)	RD	Maximum value: 19. harmonic current L1	A			
4674	short (x10)	RD	Maximum value: 20. harmonic current L1	A			
4675	short (x10)	RD	Maximum value: 21. harmonic current L1	A			
4676	short (x10)	RD	Maximum value: 22. harmonic current L1	A			
4677	short (x10)	RD	Maximum value: 23. harmonic current L1	A			
4678	short (x10)	RD	Maximum value: 24. harmonic current L1	A			
4679	short (x10)	RD	Maximum value: 25. harmonic current L1	A			
4680	short (x10)	RD	Maximum value: 26. harmonic current L1	A			
4681	short (x10)	RD	Maximum value: 27. harmonic current L1	A			
4682	short (x10)	RD	Maximum value: 28. harmonic current L1	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4683	short (x10)	RD	Maximum value: 29. harmonic current L1	A			
4684	short (x10)	RD	Maximum value: 30. harmonic current L1	A			
4685	short (x10)	RD	Maximum value: 31. harmonic current L1	A			
4686	short (x10)	RD	Maximum value: 32. harmonic current L1	A			
4687	short (x10)	RD	Maximum value: 33. harmonic current L1	A			
4688	short (x10)	RD	Maximum value: 34. harmonic current L1	A			
4689	short (x10)	RD	Maximum value: 35. harmonic current L1	A			
4690	short (x10)	RD	Maximum value: 36. harmonic current L1	A			
4691	short (x10)	RD	Maximum value: 37. harmonic current L1	A			
4692	short (x10)	RD	Maximum value: 38. harmonic current L1	A			
4693	short (x10)	RD	Maximum value: 39. harmonic current L1	A			
4694	short (x10)	RD	Maximum value: 40. harmonic current L1	A			
4695	short (x10)	RD	Maximum value: 1. harmonic current L2	A			
4696	short (x10)	RD	Maximum value: 2. harmonic current L2	A			
4697	short (x10)	RD	Maximum value: 3. harmonic current L2	A			
4698	short (x10)	RD	Maximum value: 4. harmonic current L2	A			
4699	short (x10)	RD	Maximum value: 5. harmonic current L2	A			
4700	short (x10)	RD	Maximum value: 6. harmonic current L2	A			
4701	short (x10)	RD	Maximum value: 7. harmonic current L2	A			
4702	short (x10)	RD	Maximum value: 8. harmonic current L2	A			
4703	short (x10)	RD	Maximum value: 9. harmonic current L2	A			
4704	short (x10)	RD	Maximum value: 10. harmonic current L2	A			
4705	short (x10)	RD	Maximum value: 11. harmonic current L2	A			
4706	short (x10)	RD	Maximum value: 12. harmonic current L2	A			
4707	short (x10)	RD	Maximum value: 13. harmonic current L2	A			
4708	short (x10)	RD	Maximum value: 14. harmonic current L2	A			
4709	short (x10)	RD	Maximum value: 15. harmonic current L2	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4710	short (x10)	RD	Maximum value: 16. harmonic current L2	A			
4711	short (x10)	RD	Maximum value: 17. harmonic current L2	A			
4712	short (x10)	RD	Maximum value: 18. harmonic current L2	A			
4713	short (x10)	RD	Maximum value: 19. harmonic current L2	A			
4714	short (x10)	RD	Maximum value: 20. harmonic current L2	A			
4715	short (x10)	RD	Maximum value: 21. harmonic current L2	A			
4716	short (x10)	RD	Maximum value: 22. harmonic current L2	A			
4717	short (x10)	RD	Maximum value: 23. harmonic current L2	A			
4718	short (x10)	RD	Maximum value: 24. harmonic current L2	A			
4719	short (x10)	RD	Maximum value: 25. harmonic current L2	A			
4720	short (x10)	RD	Maximum value: 26. harmonic current L2	A			
4721	short (x10)	RD	Maximum value: 27. harmonic current L2	A			
4722	short (x10)	RD	Maximum value: 28. harmonic current L2	A			
4723	short (x10)	RD	Maximum value: 29. harmonic current L2	A			
4724	short (x10)	RD	Maximum value: 30. harmonic current L2	A			
4725	short (x10)	RD	Maximum value: 31. harmonic current L2	A			
4726	short (x10)	RD	Maximum value: 32. harmonic current L2	A			
4727	short (x10)	RD	Maximum value: 33. harmonic current L2	A			
4728	short (x10)	RD	Maximum value: 34. harmonic current L2	A			
4729	short (x10)	RD	Maximum value: 35. harmonic current L2	A			
4730	short (x10)	RD	Maximum value: 36. harmonic current L2	A			
4731	short (x10)	RD	Maximum value: 37. harmonic current L2	A			
4732	short (x10)	RD	Maximum value: 38. harmonic current L2	A			
4733	short (x10)	RD	Maximum value: 39. harmonic current L2	A			
4734	short (x10)	RD	Maximum value: 40. harmonic current L2	A			
4735	short (x10)	RD	Maximum value: 1. harmonic current L3	A			
4736	short (x10)	RD	Maximum value: 2. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4737	short (x10)	RD	Maximum value: 3. harmonic current L3	A			
4738	short (x10)	RD	Maximum value: 4. harmonic current L3	A			
4739	short (x10)	RD	Maximum value: 5. harmonic current L3	A			
4740	short (x10)	RD	Maximum value: 6. harmonic current L3	A			
4741	short (x10)	RD	Maximum value: 7. harmonic current L3	A			
4742	short (x10)	RD	Maximum value: 8. harmonic current L3	A			
4743	short (x10)	RD	Maximum value: 9. harmonic current L3	A			
4744	short (x10)	RD	Maximum value: 10. harmonic current L3	A			
4745	short (x10)	RD	Maximum value: 11. harmonic current L3	A			
4746	short (x10)	RD	Maximum value: 12. harmonic current L3	A			
4747	short (x10)	RD	Maximum value: 13. harmonic current L3	A			
4748	short (x10)	RD	Maximum value: 14. harmonic current L3	A			
4749	short (x10)	RD	Maximum value: 15. harmonic current L3	A			
4750	short (x10)	RD	Maximum value: 16. harmonic current L3	A			
4751	short (x10)	RD	Maximum value: 17. harmonic current L3	A			
4752	short (x10)	RD	Maximum value: 18. harmonic current L3	A			
4753	short (x10)	RD	Maximum value: 19. harmonic current L3	A			
4754	short (x10)	RD	Maximum value: 20. harmonic current L3	A			
4755	short (x10)	RD	Maximum value: 21. harmonic current L3	A			
4756	short (x10)	RD	Maximum value: 22. harmonic current L3	A			
4757	short (x10)	RD	Maximum value: 23. harmonic current L3	A			
4758	short (x10)	RD	Maximum value: 24. harmonic current L3	A			
4759	short (x10)	RD	Maximum value: 25. harmonic current L3	A			
4760	short (x10)	RD	Maximum value: 26. harmonic current L3	A			
4761	short (x10)	RD	Maximum value: 27. harmonic current L3	A			
4762	short (x10)	RD	Maximum value: 28. harmonic current L3	A			
4763	short (x10)	RD	Maximum value: 29. harmonic current L3	A			

Address	Type	Access Right	Description	Unit	Min	Max	Default
4764	short (x10)	RD	Maximum value: 30. harmonic current L3	A			
4765	short (x10)	RD	Maximum value: 31. harmonic current L3	A			
4766	short (x10)	RD	Maximum value: 32. harmonic current L3	A			
4767	short (x10)	RD	Maximum value: 33. harmonic current L3	A			
4768	short (x10)	RD	Maximum value: 34. harmonic current L3	A			
4769	short (x10)	RD	Maximum value: 35. harmonic current L3	A			
4770	short (x10)	RD	Maximum value: 36. harmonic current L3	A			
4771	short (x10)	RD	Maximum value: 37. harmonic current L3	A			
4772	short (x10)	RD	Maximum value: 38. harmonic current L3	A			
4773	short (x10)	RD	Maximum value: 39. harmonic current L3	A			
4774	short (x10)	RD	Maximum value: 40. harmonic current L3	A			

MQTT registers at a glance

Adress	Type	Format	Description	Unit	MQTT Name of variable
19000	float	RD	Voltage L1-N	V	ULNRms_L1
19002	float	RD	Voltage L2-N	V	ULNRms_L2
19004	float	RD	Voltage L3-N	V	ULNRms_L3
19006	float	RD	Voltage L1-L2	V	ULLRms_L12
19008	float	RD	Voltage L2-L3	V	ULLRms_L23
19010	float	RD	Voltage L3-L1	V	ULLRms_L31
19012	float	RD	Current I L1	A	IRms_L1
19014	float	RD	Current I L2	A	IRms_L2
19016	float	RD	Current I L3	A	IRms_L3
19018	float	RD	Vector sum; IN=I1+I2+I3	A	IRms_Sum
19020	float	RD	Real power P1 L1N	W	P_L1
19022	float	RD	Real power P2 L2N	W	P_L2
19024	float	RD	Real power P3 L3N	W	P_L3
19026	float	RD	Sum; Psum3=P1+P2+P3	W	P_Sum
19028	float	RD	Apparent power S1 L1N	VA	S_L1
19030	float	RD	Apparent power S2 L2N	VA	S_L2
19032	float	RD	Apparent power S3 L3N	VA	S_L3
19034	float	RD	Sum; Ssum3=S1+S2+S3	VA	S_Sum
19036	float	RD	Fund. reactive power Q1 L1N	var	Q0_L1
19038	float	RD	Fund. reactive power Q2 L2N	var	Q0_L2
19040	float	RD	Fund. reactive power Q3 L3N	var	Q0_L3
19042	float	RD	Fund. Sum; Qsum3=Q1+Q2+Q3	var	Q0_Sum
19044	float	RD	Cos(ϕ); UL1 I1 (fundamental comp.)		CosPhi0_L1
19046	float	RD	Cos(ϕ); UL2 I2 (fundamental comp.)		CosPhi0_L2
19048	float	RD	Cos(ϕ); UL3 I3 (fundamental comp.)		CosPhi0_L3
19050	float	RD	Measured frequency 10sec	Hz	Freq
19052	float	RD	Rotation field; 1=right, 0=none, -1=left		Rotation
19054	float	RD	Real energy L1	Wh	WP_L1
19056	float	RD	Real energy L2	Wh	WP_L2
19058	float	RD	Real energy L3	Wh	WP_L3
19060	float	RD	Real energy L1..L3	Wh	WP_Sum
19062	float	RD	Real energy L1, consumed	Wh	WPCons_L1
19064	float	RD	Real energy L2, consumed	Wh	WPCons_L2
19066	float	RD	Real energy L3, consumed	Wh	WPCons_L3
19068	float	RD	Real energy L1..L3, consumed	Wh	WPCons_Sum
19070	float	RD	Real energy L1, delivered	Wh	WPDel_L1
19072	float	RD	Real energy L2, delivered	Wh	WPDel_L2
19074	float	RD	Real energy L3, delivered	Wh	WPDel_L3
19076	float	RD	Real energy L1..L3, delivered	Wh	WPDel_Sum
19078	float	RD	Apparent energy L1	VAh	WS_L1
19080	float	RD	Apparent energy L2	VAh	WS_L2
19082	float	RD	Apparent energy L3	VAh	WS_L3
19084	float	RD	Apparent energy L1..L3	VAh	WS_Sum
19086	float	RD	Fund. reactive energy L1	varh	WQ_L1

Adress	Type	Format	Description	Unit	MQTT Name of variable
19088	float	RD	Fund. reactive energy L2	varh	WQ_L2
19090	float	RD	Fund. reactive energy L3	varh	WQ_L3
19092	float	RD	Fund. reactive energy L1..L3	varh	WQ_Sum
19094	float	RD	Fund. reactive energy ind. L1	varh	WQInd_L1
19096	float	RD	Fund. reactive energy ind. L2	varh	WQInd_L2
19098	float	RD	Fund. reactive energy ind. L3	varh	WQInd_L3
19100	float	RD	Fund. reactive energy ind. L1..L3	varh	WQInd_Sum
19102	float	RD	Fund. reactive energy cap. L1	varh	WQCap_L1
19104	float	RD	Fund. reactive energy cap. L2	varh	WQCap_L2
19106	float	RD	Fund. reactive energy cap. L3	varh	WQCap_L3
19108	float	RD	Fund. reactive energy cap. L1..L3	varh	WQCap_Sum
19110	float	RD	THD, U L1-N	%	ThdU_L1
19112	float	RD	THD, U L2-N	%	ThdU_L2
19114	float	RD	THD, U L3-N	%	ThdU_L3
19116	float	RD	THD, I1	%	ThdI_L1
19118	float	RD	THD, I2	%	ThdI_L2
19120	float	RD	THD, I3	%	ThdI_L3
21300	ushort	RD	MQTT Connection Status; 0=disabled, 1=disconnected, 2=connected, 3=init		
21301	ushort	RD	Error code of last MQTT error		

Janitza®

Janitza electronics GmbH
Vor dem Polstück 6 | 35633 Lahnau
Germany

Tel. +49 6441 9642-0
info@janitza.com | www.janitza.com

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