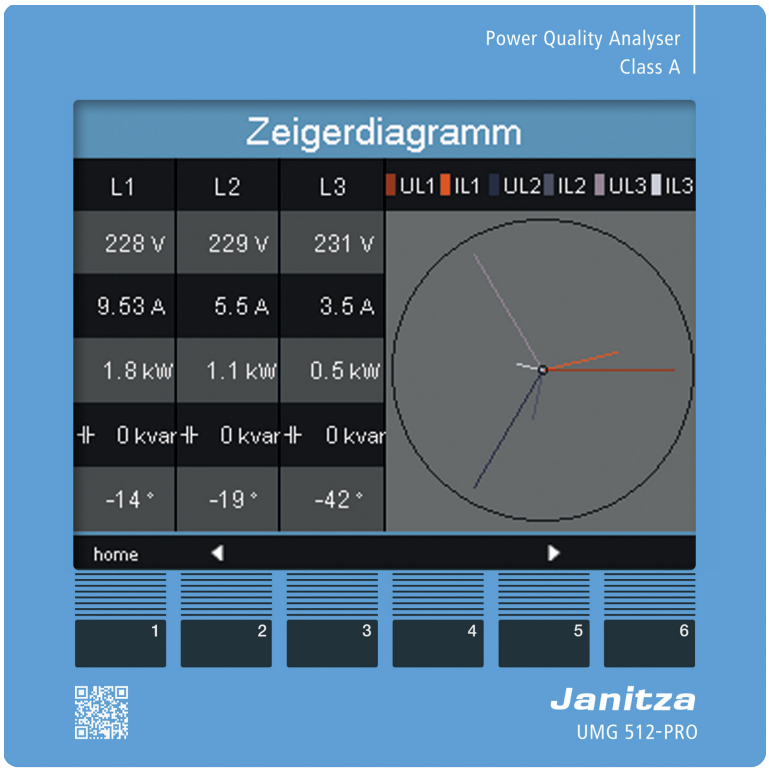
Power Quality Analyser

UMG 512-PRO

Modbus-address and Formulary



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Janitza electronics GmbH
Vor dem Polstück 6
35633 Lahnau, Germany
Support Tel. 0049 6441 9642-22
info@janitza.com | www.janitza.com

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Modbus

Modbus functions (master)

As a master, the UMG 512-PRO supports the following modbus functions;

01 Read Coil Status

Reads the ON/OFF status of discrete outputs (0X references, coils) in the slave. Broadcast is not supported.

02 Read Input Status

Reads the ON/OFF status of discrete inputs (0X references) in the slave. Broadcast is not supported.

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.

05 Force Single Coil

Forces a single coil (0X references) to either ON or OFF. When broadcast, the function forces the same coil reference in all attached slaves.

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.

15 (0F Hex) Force Multiple Coils

Forces each coil (0X references) in a sequence of coils to either ON or OFF. When broadcast, the function forces the same coil 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.

Modbus Functions (Slave)

As a slave, the UMG 512-PRO supports the following modbus functions:

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.

Transfer parameters

The UMG 512-PRO supports the following transfer parameters:

Baud rate : 9.6kbps, 19.2kbps, 38.4kbps, 57.6kbps, 115.2 kbps and 921.6 kbps
Data bits : 8
Parity : none
Stop bits (UMG512-PRO) : 2
Stop bits external : 1 or 2

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.

Update rate

The modbus register addresses are updated every 200ms.

Measured values

- 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!

Number formats

Type	Size	Minimum	Maximum
char	8 bit	0	255
byte	8 bit	-128	127
short	16 bit	-2^{15}	$2^{15}-1$
int	32 bit	-2^{31}	$2^{31}-1$
uint	32 bit	0	$2^{32}-1$
long64	64 bit	-2^{63}	$2^{63}-1$
float	32 bit	IEEE 754	IEEE 754
double	64 bit	IEEE 754	IEEE 754

Symbols and definitions

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 oder 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

Explanations of the measured values

Measured value

- A measured value (in the UMG) is a effective value which is formed over a period (measuring window) of 200ms.
- A measuring window is 10 periods in the 50Hz network and 12 periods in the 60Hz network.
- A measuring window has a start time and an end time.
- The resolution between the start time and end time is approximately 2ns.
- The accuracy of the start time and end time depends on the accuracy of the internal clock.
- 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 200ms.
- 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 200ms measuring window..

Peak value positive

- Highest positive sampling value from the last 200ms 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)

$$U_{Sternpunktspannung} = U_{1_{rms}} + U_{2_{rms}} + U_{3_{rms}}$$

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

$$S_A = S_1 + S_2 + S_3$$

Order number of harmonics

xxx[0] = mains frequency (50Hz/60Hz)
xxx[1] = 2nd harmonic (100Hz/120Hz)
xxx[2] = 3rd harmonic (150Hz/180Hz)
etc.

THD

- THD (Total Harmonic Distortion) is the distortion factor and provides the relation of the harmonic parts of an oscillation to the mains frequency.

Distortion factor THD (U) for the voltage

- M = 40 (UMG604, UMG604-PRO, UMG508, UMG 509, UMG509-PRO, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, UMG512, UMG512-PRO)
- 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 (UMG604, UMG604-PRO, UMG508, UMG 509, UMG509-PRO, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, UMG512, UMG512-PRO)
- fund corresponds to n=1

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

ZHD

- THD for the interharmonics.
- Is calculated in the product series UMG512, UMG511 and UMG605.

Interharmonics

- Sinusoidal oscillations, which frequencies are not a multiple integer of the mains frequency.
- Is calculated in the product series UMG512, UMG511 and UMG605.
- Calculation and measurement methods in accordance with the DIN EN 61000-4-30.
- The order number of inter harmonics corresponds to the order number of the next smallest harmonic. For example, between the 3rd and 4th harmonic of the 3rd inter harmonics.

TDD (I)

- TDD Total demand distortion, harmonic current distortion in % of maximum demand load current
- IL = Maximum demand load current
- M = 40 (UMG604, UMG604-PRO, UMG508, UMG 509, UMG509-PRO, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, UMG512, UMG512-PRO)

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

Ripple control signal U (EN61000-4-30)

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

Ripple control signal I

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

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

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

Unsymmetrical voltage

$$Unsymmetrical\ voltage = \frac{U_{Negative\ sequence}}{U_{Positive\ sequence}} \cdot 100\%$$

Unsymmetrical voltage (U0)

$$Unsymmetrical\ voltage\,(U0) = \frac{U_{Zero\ sequence}}{U_{Positive\ sequence}} \cdot 100\%$$

Under difference U (EN61000-4-30)

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

Under difference I

$$I_{unter} = \frac{I_{Nennstrom} - \sqrt{\frac{\sum_{i=1}^{n} I_{rms-unter,i}^2}{n}}}{I_{Nennstrom}} [\%$$

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

CosPhi - Fundamental Power Factor

- Only the mains frequency part is used for calculation of the cosphi.
- CosPhi sign:
  - = for the supply of real power
  + = for obtaining real power

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

CosPhi total

- CosPhi 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 Phi

- 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 power factor

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

Power factor sign

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

$$Vorzeichen\,Q(\varphi_p) = +1\ falls\ \varphi_p \in [0° - 180°]$$

$$Vorzeichen\,Q(\varphi_p) = -1\ falls\ \varphi_p \in [180° - 360°]$$

Reactive power for phase conductor p

- Reactive power of the mains frequency.

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

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 = 50 (UMG605, UMG605-PRO, UMG511, UMG512-PRO)

Reactive energy per phase

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

Reactive energy per phase, inductive

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

Reactive energy per phase, capazitive

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

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

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

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

Reactive energy, sum L1-L3, capazitive

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

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

Address list

Frequently required readings

Address	Format	RD/WR	Designation	Unit	Note
19000	float	RD	_G_ULN[0]	V	Voltage L1-N
19002	float	RD	_G_ULN[1]	V	Voltage L2-N
19004	float	RD	_G_ULN[2]	V	Voltage L3-N
19006	float	RD	_G_ULL[0]	V	Voltage L1-L2
19008	float	RD	_G_ULL[1]	V	Voltage L2-L3
19010	float	RD	_G_ULL[2]	V	Voltage L3-L1
19012	float	RD	_G_ILN[0]	A	Apparent current, L1-N
19014	float	RD	_G_ILN[1]	A	Apparent current, L2-N
19016	float	RD	_G_ILN[2]	A	Apparent current, L3-N
19018	float	RD	_G_I_SUM3	A	Vector sum; IN=I1+I2+I3
19020	float	RD	_G_PLN[0]	W	Real power L1-N
19022	float	RD	_G_PLN[1]	W	Real power L2-N
19024	float	RD	_G_PLN[2]	W	Real power L3-N
19026	float	RD	_G_P_SUM3	W	Psum3=P1+P2+P3
19028	float	RD	_G_SLN[0]	VA	Apparent power L1-N
19030	float	RD	_G_SLN[1]	VA	Apparent power L2-N
19032	float	RD	_G_SLN[2]	VA	Apparent power L3-N
19034	float	RD	_G_S_SUM3	VA	Sum; Ssum3=S1+S2+S3
19036	float	RD	_G_QLN[0]	var	Reactive power L1 (fundamental comp.)
19038	float	RD	_G_QLN[1]	var	Reactive power L2 (fundamental comp.)
19040	float	RD	_G_QLN[2]	var	Reactive power L3 (fundamental comp.)
19042	float	RD	_G_Q_SUM3	var	Qsum3=Q1+Q2+Q3 (fundamental comp.)
19044	float	RD	_G_COS_PHI[0]	-	CosPhi; UL1 IL1 (fundamental comp.)
19046	float	RD	_G_COS_PHI[1]	-	CosPhi; UL2 IL2 (fundamental comp.)
19048	float	RD	_G_COS_PHI[2]	-	CosPhi; UL3 IL3 (fundamental comp.)
19050	float	RD	_G_FREQ	Hz	Measured frequency
19052	float	RD	_G_PHASE_SEQ	-	Rotation field; 1=right, 0=none, -1=left
19054	float	RD	_G_WH[0]	Wh	Real energy L1
19056	float	RD	_G_WH[1]	Wh	Real energy L2
19058	float	RD	_G_WH[2]	Wh	Real energy L3
19060	float	RD	_G_WH_SUML13	Wh	Real energy L1..L3
19062	float	RD	_G_WH_V[0]	Wh	Real energy L1, consumed
19064	float	RD	_G_WH_V[1]	Wh	Real energy L2, consumed
19066	float	RD	_G_WH_V[2]	Wh	Real energy L3, consumed
19068	float	RD	_G_WH_V_HT_SUML13	Wh	Real energy L1..L3, consumed, rate 1
19070	float	RD	_G_WH_Z[0]	Wh	Real energy L1, delivered
19072	float	RD	_G_WH_Z[1]	Wh	Real energy L2, delivered
19074	float	RD	_G_WH_Z[2]	Wh	Real energy L3, delivered
19076	float	RD	_G_WH_Z_SUML13	Wh	Real energy L1..L3, delivered
19078	float	RD	_G_WH_S[0]	VAh	Apparent energy L1
19080	float	RD	_G_WH_S[1]	VAh	Apparent energy L2
19082	float	RD	_G_WH_S[2]	VAh	Apparent energy L3
19084	float	RD	_G_WH_S_SUML13	VAh	Apparent energy L1..L3
19086	float	RD	_G_QH[0]	varh	Reaktive energy L1 (fundamental comp.)
19088	float	RD	_G_QH[1]	varh	Reaktive energy L2 (fundamental comp.)
19090	float	RD	_G_QH[2]	varh	Reaktive energy L3 (fundamental comp.)
19092	float	RD	_G_QH_SUML13	varh	Reaktive energy L1..L3 (fundamental comp.)
19094	float	RD	_G_IQH[0]	varh	Reactive energy, inductive, L1 (fundamental comp.)
19096	float	RD	_G_IQH[1]	varh	Reactive energy, inductive, L2 (fundamental comp.)
19098	float	RD	_G_IQH[2]	varh	Reactive energy, inductive, L3 (fundamental comp.)
19100	float	RD	_G_IQH_SUML13	varh	Reactive energy L1..L3, ind. (fundamental comp.)
19102	float	RD	_G_CQH[0]	varh	Reactive energy, capacitive, L1 (fundamental comp.)
19104	float	RD	_G_CQH[1]	varh	Reactive energy, capacitive, L2 (fundamental comp.)
19106	float	RD	_G_CQH[2]	varh	Reactive energy, capacitive, L3 (fundamental comp.)
19108	float	RD	_G_CQH_SUML13	varh	Reactive energy L1..L3, cap. (fundamental comp.)
19110	float	RD	_G_THD_ULN[0]	%	Harmonic, THD,U L1-N
19112	float	RD	_G_THD_ULN[1]	%	Harmonic, THD,U L2-N
19114	float	RD	_G_THD_ULN[2]	%	Harmonic, THD,U L3-N
19116	float	RD	_G_THD_ILN[0]	%	Harmonic, THD,I L1
19118	float	RD	_G_THD_ILN[1]	%	Harmonic, THD,I L2
19120	float	RD	_G_THD_ILN[2]	%	Harmonic, THD,I L3

Address	Format	RD/WR	Designation	Unit	Note
19698	float	RD/WR	_PHASE_ULL[0]	°	Voltage Phase L-L
19700	float	RD/WR	_PHASE_ULL[1]	°	Voltage Phase L-L
19702	float	RD/WR	_PHASE_ULL[2]	°	Voltage Phase L-L
19704	float	RD/WR	_PHASE_ULN[0]	°	Voltage Phase L-N
19706	float	RD/WR	_PHASE_ULN[1]	°	Voltage Phase L-N
19708	float	RD/WR	_PHASE_ULN[2]	°	Voltage Phase L-N
19716	short	RD	_TRANSFORMER_RATIO_LOCK	-	Lock Transformer Ratios, 0=not locked, 1=locked

Date and time

Address	Format	RD/WR	Designation	Unit	Note
0	long64	RD	_REALTIME	2 ns	time (UTC)
4	int	RD/WR	_SYSTIME	sec	time (UTC)
6	short	RD	_DAY	-	Day (1..31)
7	short	RD	_MONTH	-	Month (0=Jan, .. 11=Dec)
8	short	RD	_YEAR	-	Year
9	short	RD	_HOUR	h	Hour (1..24)
10	short	RD	_MIN	min	Minute (1..59)
11	short	RD	_SEC	s	Second (1..59)
12	short	RD	_WEEKDAY	-	Weekday (0=Sun, .. 6=Sat)

Measured values (200ms measuring window)

Address	Format	RD/WR	Designation	Unit	Note
3793	float	RD	_THD_ULL[0]	%	Harmonic, THD,U L1-L2
3795	float	RD	_THD_ULL[1]	%	Harmonic, THD,U L2-L3
3797	float	RD	_THD_ULL[2]	%	Harmonic, THD,U L1-L3
3799	float	RD	_ZHD_ULL[0]	%	Interharmonics, U L1-L2
3801	float	RD	_ZHD_ULL[1]	%	Interharmonics, U L2-L3
3803	float	RD	_ZHD_ULL[2]	%	Interharmonics, U L1-L3
3805	float	RD	_THD_ULN[0]	%	Harmonic, THD,U L1-N
3807	float	RD	_THD_ULN[1]	%	Harmonic, THD,U L2-N
3809	float	RD	_THD_ULN[2]	%	Harmonic, THD,U L3-N
3811	float	RD	_THD_ULN[3]	%	Harmonic, THD,U L4-N
3813	float	RD	_THD_IL[0]	%	Harmonic, THD,I1 L1
3815	float	RD	_THD_IL[1]	%	Harmonic, THD,I2 L2
3817	float	RD	_THD_IL[2]	%	Harmonic, THD,I3 L3
3819	float	RD	_THD_IL[3]	%	Harmonic, THD,I4 L4
3821	float	RD	_ZHD_ULN[0]	%	Interharmonics, ZHD, U, L1
3823	float	RD	_ZHD_ULN[1]	%	Interharmonics, ZHD, U, L2
3825	float	RD	_ZHD_ULN[2]	%	Interharmonics, ZHD, U, L3
3827	float	RD	_ZHD_ULN[3]	%	Interharmonics, ZHD, U, L4
3829	float	RD	_ZHD_ILN[0]	%	Interharmonics, ZHD, I, L1
3831	float	RD	_ZHD_ILN[1]	%	Interharmonics, ZHD, I, L2
3833	float	RD	_ZHD_ILN[2]	%	Interharmonics, ZHD, I, L3
3835	float	RD	_ZHD_ILN[3]	%	Interharmonics, ZHD, I, L4
3837	float	RD	_KFACT[0]		K-Factor, L1
3839	float	RD	_KFACT[1]		K-Factor, L2
3841	float	RD	_KFACT[2]		K-Factor, L3
3843	float	RD	_KFACT[3]		K-Factor, L4
3845	float	RD	_ULN[0]	V	Voltage L1-N
3847	float	RD	_ULN[1]	V	Voltage L2-N
3849	float	RD	_ULN[2]	V	Voltage L3-N
3851	float	RD	_ULN[3]	V	Voltage L4-N
3853	float	RD	_ILN[0]	A	Apparent current, L1
3855	float	RD	_ILN[1]	A	Apparent current, L2
3857	float	RD	_ILN[2]	A	Apparent current, L3
3859	float	RD	_ILN[3]	A	Apparent current, L4
3861	float	RD	_PLN[0]	W	Real power L1
3863	float	RD	_PLN[1]	W	Real power L2
3865	float	RD	_PLN[2]	W	Real power L3
3867	float	RD	_PLN[3]	W	Real power L4
3869	float	RD	_QLN[0]	var	Reactive power L1 (fundamental comp.)
3871	float	RD	_QLN[1]	var	Reactive power L2 (fundamental comp.)
3873	float	RD	_QLN[2]	var	Reactive power L3 (fundamental comp.)
3875	float	RD	_QLN[3]	var	Reactive power L4 (fundamental comp.)
3877	float	RD	_SLN[0]	VA	Apparent power L1
3879	float	RD	_SLN[1]	VA	Apparent power L2
3881	float	RD	_SLN[2]	VA	Apparent power L3
3883	float	RD	_SLN[3]	VA	Apparent power L4
3885	float	RD	_DLN[0]	var	Distortion power factor; L1
3887	float	RD	_DLN[1]	var	Distortion power factor; L2
3889	float	RD	_DLN[2]	var	Distortion power factor; L3
3891	float	RD	_DLN[3]	var	Distortion power factor; L4
3893	float	RD	_PFLN[0]		Power factor; L1
3895	float	RD	_PFLN[1]		Power factor; L2
3897	float	RD	_PFLN[2]		Power factor; L3
3899	float	RD	_PFLN[3]		Power factor; L4
3901	float	RD	_ULL[0]	V	Phase conductor voltage; L1-L2
3903	float	RD	_ULL[1]	V	Phase conductor voltage; L2-L3
3905	float	RD	_ULL[2]	V	Phase conductor voltage; L1-L3
3907	float	RD	_ULL_RE[0]	V	Phase conductor voltage real part; L1-L2
3909	float	RD	_ULL_RE[1]	V	Phase conductor voltage real part; L2-L3
3911	float	RD	_ULL_RE[2]	V	Phase conductor voltage real part; L1-L3
3913	float	RD	_ULL_IM[0]	V	Phase conductor voltage imaginary part; L1-L2
3915	float	RD	_ULL_IM[1]	V	Phase conductor voltage imaginary part; L2-L3

Address	Format	RD/WR	Designation	Unit	Note
3917	float	RD	_ULL_IM[2]	V	Phase conductor voltage imaginary part; L1-L3
3919	float	RD	_I_SUM3	A	Vector sum; IN = I1 + I2 + I3
3921	float	RD	_I_SUM	A	Vector sum; I1 + I2 + I3 + I4
3923	float	RD	_S_SUM3	VA	Sum; S = S1 + S2 + S3
3925	float	RD	_P_SUM3	W	Sum; P = P1 + P2 + P3
3927	float	RD	_Q_SUM3	var	Mains frequency reactive power Sum; Q = Q1 + Q2 + Q3
3929	float	RD	_COS_SUM3		CosPhi of mains frequency Calculated from Psum3 and Qsum3
3931	float	RD	_S_SUM	VA	Sum; S = S1 + S2 + S3 + S4
3933	float	RD	_P_SUM	W	Sum; P = P1 + P2 + P3 + P4
3935	float	RD	_Q_SUM	var	Mains frequency reactive power Sum; Q = Q1 + Q2 + Q3 + Q4
3937	float	RD	_COS_SUM		CosPhi of mains frequency Calculated from Psum and Qsum
3939	float	RD	_ULN_RE[0]	V	Voltage, real part, L1-N
3941	float	RD	_ULN_RE[1]	V	Voltage, real part, L2-N
3943	float	RD	_ULN_RE[2]	V	Voltage, real part, L3-N
3945	float	RD	_ULN_RE[3]	V	Voltage, real part, L4-N
3947	float	RD	_ULN_IM[0]	V	Voltage, imaginary part, L1-N
3949	float	RD	_ULN_IM[1]	V	Voltage, imaginary part, L2-N
3951	float	RD	_ULN_IM[2]	V	Voltage, imaginary part, L3-N
3953	float	RD	_ULN_IM[3]	V	Voltage, imaginary part, L4-N
3955	float	RD	_IL_RE[0]	A	Current, real part, L1
3957	float	RD	_IL_RE[1]	A	Current, real part, L2
3959	float	RD	_IL_RE[2]	A	Current, real part, L3
3961	float	RD	_IL_RE[3]	A	Current, real part, L4
3963	float	RD	_IL_IM[0]	A	Current, imaginary part, L1
3965	float	RD	_IL_IM[1]	A	Current, imaginary part, L2
3967	float	RD	_IL_IM[2]	A	Current, imaginary part, L3
3969	float	RD	_IL_IM[3]	A	Current, imaginary part, L4
3971	float	RD	_PHASE[0]	°	Phase; UL1 IL1
3973	float	RD	_PHASE[1]	°	Phase; UL2 IL2
3975	float	RD	_PHASE[2]	°	Phase; UL3 IL3
3977	float	RD	_PHASE[3]	°	Phase; UL4 IL4
3979	float	RD	_COS_PHI[0]		Fund. power factor, CosPhi; UL1 IL1
3981	float	RD	_COS_PHI[1]		Fund. power factor, CosPhi; UL2 IL2
3983	float	RD	_COS_PHI[2]		Fund. power factor, CosPhi; UL3 IL3
3985	float	RD	_COS_PHI[3]		Fund. power factor, CosPhi; UL4 IL4
3987	float	RD	_IND_CAP[0]		Sign; Q L1, +1 = ind., -1 = cap.
3989	float	RD	_IND_CAP[1]		Sign; Q L2, +1 = ind., -1 = cap.
3991	float	RD	_IND_CAP[2]		Sign; Q L3, +1 = ind., -1 = cap.
3993	float	RD	_IND_CAP[3]		Sign; Q L4, +1 = ind., -1 = cap.
3995	float	RD	_FREQ	Hz	Measured frequency
3997	float	RD	_NORM_FREQ	Hz	Nominal frequency
3999	float	RD	_UN	V	Zero sequence, voltage
4001	float	RD	_UM	V	Positive sequence, voltage
4003	float	RD	_UG	V	Negative sequence, voltage
4005	float	RD	_U_SYM	%	Unsymmetrical, voltage
4007	float	RD	_I_SYM	%	Unsymmetrical, current
4009	float	RD	_PHASE_SEQ		Rotation field; 1=right, 0=none, -1=left
4011	float	RD	_IN	A	Zero sequence, current
4013	float	RD	_IM	A	Positive sequence, current
4015	float	RD	_IG	A	Negative sequence, current
4021	float	RD	_IL_CF[0]		Crest factor, I L1
4023	float	RD	_IL_CF[1]		Crest factor, I L2
4025	float	RD	_IL_CF[2]		Crest factor, I L3
4027	float	RD	_IL_CF[3]		Crest factor, I L4
4029	float	RD	_ULN_CF[0]		Crest factor, U L1-N
4031	float	RD	_ULN_CF[1]		Crest factor, U L2-N
4033	float	RD	_ULN_CF[2]		Crest factor, U L3-N
4035	float	RD	_ULN_CF[3]		Crest factor, U L4-N
4037	float	RD	_ULL_CF[0]		Crest factor, U L1-L2

Address	Format	RD/WR	Designation	Unit	Note
4039	float	RD	_ULL_CF[1]		Crest factor, U L2-L3
4041	float	RD	_ULL_CF[2]		Crest factor, U L1-L3
4043	float	RD	_IL_NEG_PEAK[0]	A	Peak value negative, I L1
4045	float	RD	_IL_NEG_PEAK[1]	A	Peak value negative, I L2
4047	float	RD	_IL_NEG_PEAK[2]	A	Peak value negative, I L3
4049	float	RD	_IL_NEG_PEAK[3]	A	Peak value negative, I L4
4051	float	RD	_ULN_NEG_PEAK[0]	V	Peak value negative, U L1-N
4053	float	RD	_ULN_NEG_PEAK[1]	V	Peak value negative, U L2-N
4055	float	RD	_ULN_NEG_PEAK[2]	V	Peak value negative, U L3-N
4057	float	RD	_ULN_NEG_PEAK[3]	V	Peak value negative, U L4-N
4059	float	RD	_IL_POS_PEAK[0]	A	Peak value positive, I L1
4061	float	RD	_IL_POS_PEAK[1]	A	Peak value positive, I L2
4063	float	RD	_IL_POS_PEAK[2]	A	Peak value positive, I L3
4065	float	RD	_IL_POS_PEAK[3]	A	Peak value positive, I L4
4067	float	RD	_ULN_POS_PEAK[0]	V	Peak value positive, U L1-N
4069	float	RD	_ULN_POS_PEAK[1]	V	Peak value positive, U L2-N
4071	float	RD	_ULN_POS_PEAK[2]	V	Peak value positive, U L3-N
4073	float	RD	_ULN_POS_PEAK[3]	V	Peak value positive, U L4-N
4075	float	RD	_IL_PEAK_PEAK[0]	A	Peak-peak value, I L1
4077	float	RD	_IL_PEAK_PEAK[1]	A	Peak-peak value, I L2
4079	float	RD	_IL_PEAK_PEAK[2]	A	Peak-peak value, I L3
4081	float	RD	_IL_PEAK_PEAK[3]	A	Peak-peak value, I L4
4083	float	RD	_ULN_PEAK_PEAK[0]	V	Peak-peak value, U L1-N
4085	float	RD	_ULN_PEAK_PEAK[1]	V	Peak-peak value, U L2-N
4087	float	RD	_ULN_PEAK_PEAK[2]	V	Peak-peak value, U L3-N
4089	float	RD	_ULN_PEAK_PEAK[3]	V	Peak-peak value, U L4-N
4091	float	RD	_IL_UNDER[0]	%	Under difference, I L1
4093	float	RD	_IL_UNDER[1]	%	Under difference, I L2
4095	float	RD	_IL_UNDER[2]	%	Under difference, I L3
4097	float	RD	_IL_UNDER[3]	%	Under difference, I L4
4099	float	RD	_ULN_UNDER[0]	%	Under difference, U L1 (61000-4-30)
4101	float	RD	_ULN_UNDER[1]	%	Under difference, U L2 (61000-4-30)
4103	float	RD	_ULN_UNDER[2]	%	Under difference, U L3 (61000-4-30)
4105	float	RD	_ULN_UNDER[3]	%	Under difference, U L4 (61000-4-30)
4107	float	RD	_IL_OVER[0]	%	Over difference, I L1
4109	float	RD	_IL_OVER[1]	%	Over difference, I L2
4111	float	RD	_IL_OVER[2]	%	Over difference, I L3
4113	float	RD	_IL_OVER[3]	%	Over difference, I L4
4115	float	RD	_ULN_OVER[0]	%	Over difference, U L1 (61000-4-30)
4117	float	RD	_ULN_OVER[1]	%	Over difference, U L2 (61000-4-30)
4119	float	RD	_ULN_OVER[2]	%	Over difference, U L3 (61000-4-30)
4121	float	RD	_ULN_OVER[3]	%	Over difference, U L4 (61000-4-30)
4123	float	RD	_ULL_NEG_PEAK[0]	V	Peak value negative, U L1-L2
4125	float	RD	_ULL_NEG_PEAK[1]	V	Peak value negative, U L2-L3
4127	float	RD	_ULL_NEG_PEAK[2]	V	Peak value negative, U L3-L1
4129	float	RD	_ULL_POS_PEAK[0]	V	Peak value positive, U L1-L2
4131	float	RD	_ULL_POS_PEAK[1]	V	Peak value positive, U L2-L3
4133	float	RD	_ULL_POS_PEAK[2]	V	Peak value positive, U L3-L1
4135	float	RD	_ULL_PEAK_PEAK[0]	V	Peak-peak value, U L1-L2
4137	float	RD	_ULL_PEAK_PEAK[1]	V	Peak-peak value, U L2-L3
4139	float	RD	_ULL_PEAK_PEAK[2]	V	Peak-peak value, U L3-L1
4141	float	RD	_ULL_UNDER[0]	%	Under difference, U L1-L2 (61000-4-30)
4143	float	RD	_ULL_UNDER[1]	%	Under difference, U L2-L3 (61000-4-30)
4145	float	RD	_ULL_UNDER[2]	%	Under difference, U L3-L1 (61000-4-30)
4147	float	RD	_ULL_OVER[0]	%	Over difference, U L1-L2 (61000-4-30)
4149	float	RD	_ULL_OVER[1]	%	Over difference, U L2-L3 (61000-4-30)
4151	float	RD	_ULL_OVER[2]	%	Over difference, U L3-L1 (61000-4-30)
4153	float	RD	_FLI_PF5[0]		Current flicker Pf5, L1-N
4155	float	RD	_FLI_PF5[1]		Current flicker Pf5, L2-N
4157	float	RD	_FLI_PF5[2]		Current flicker Pf5, L3-N
4159	float	RD	_FLI_PF5[3]		Current flicker Pf5, L4-N
4161	float	RD	_FLI_SHORT_TERM[0]		Short-term flicker level, Pst (10m), L1-N
4163	float	RD	_FLI_SHORT_TERM[1]		Short-term flicker level, Pst (10m), L2-N

Address	Format	RD/WR	Designation	Unit	Note
4165	float	RD	_FLI_SHORT_TERM[2]		Short-term flicker level, Pst (10m), L3-N
4167	float	RD	_FLI_SHORT_TERM[3]		Short-term flicker level, Pst (10m), L4-N
4169	float	RD	_FLI_LONG_TERM[0]		Long-term flicker level, Plt (2h), L1-N
4171	float	RD	_FLI_LONG_TERM[1]		Long-term flicker level, Plt (2h), L2-N
4173	float	RD	_FLI_LONG_TERM[2]		Long-term flicker level, Plt (2h), L3-N
4175	float	RD	_FLI_LONG_TERM[3]		Long-term flicker level, Plt (2h), L4-N
4177	float	RD	_URC[0]	V	Ripple control signal, U L1-N (61000-4-30)
4179	float	RD	_URC[1]	V	Ripple control signal, U L2-N (61000-4-30)
4181	float	RD	_URC[2]	V	Ripple control signal, U L3-N (61000-4-30)
4183	float	RD	_URC[3]	V	Ripple control signal, U L4-N (61000-4-30)
4185	float	RD	_IRC[0]	A	Ripple control signal, I L1
4187	float	RD	_IRC[1]	A	Ripple control signal, I L2
4189	float	RD	_IRC[2]	A	Ripple control signal, I L3
4191	float	RD	_IRC[3]	A	Ripple control signal, I L4
4193	float	RD	_ULL_RC[0]	V	Ripple control signal, U L1-L2, (61000-4-30)
4195	float	RD	_ULL_RC[1]	V	Ripple control signal, U L2-L3, (61000-4-30)
4197	float	RD	_ULL_RC[2]	V	Ripple control signal, U L3-L1, (61000-4-30)
4209	float	RD	_TEMPERATUR	°C	Internal temperature
13101	float	RD/WR	_IRATED_TDD[0]	A	Maximum demand load current, L1..L3
13103	float	RD/WR	_IRATED_TDD[1]	A	Maximum demand load current, L4
13105	float	RD	_TDD_IL[0]	%	TDD, total demand distortion, IL1
13107	float	RD	_TDD_IL[1]	%	TDD, total demand distortion, IL2
13109	float	RD	_TDD_IL[2]	%	TDD, total demand distortion, IL3
13111	float	RD	_TDD_IL[3]	%	TDD, total demand distortion, IL4
13113	float	RD	_U_SYM_U0	%	Unsymmetrical, voltage U0
19122	float	RD	_IND_CAP_SUM3	-	Sign, Q1 + Q2 + Q3
19124	float	RD	_IND_CAP_SUM	-	Sign, Q1 + Q2 + Q3 + Q4
19636	float	RD/WR	_PF_TOTAL	-	PF Total, PF_Total=P_Sum3/S_Sum3
19638	float	RD/WR	_I_TDD[0]	%	IN Total Demand Distortion
19640	float	RD/WR	_I_TDD[1]	%	IN Total Demand Distortion
19642	float	RD/WR	_I_TDD[2]	%	IN Total Demand Distortion
19644	float	RD/WR	_I_TDD[3]	%	IN Total Demand Distortion
19646	float	RD/WR	_G_I_SYM	%	Current Unsymmetrical
19648	float	RD/WR	_G_ULN_CF[0]	-	ULN Crest Faktor
19650	float	RD/WR	_G_ULN_CF[1]	-	ULN Crest Faktor
19652	float	RD/WR	_G_ULN_CF[2]	-	ULN Crest Faktor
19654	float	RD/WR	_G_ULL_CF[0]	-	ULL Crest Faktor
19656	float	RD/WR	_G_ULL_CF[1]	-	ULL Crest Faktor
19658	float	RD/WR	_G_ULL_CF[2]	-	ULL Crest Faktor
19660	float	RD/WR	_G_ILN_CF[0]	-	IN Crest Faktor
19662	float	RD/WR	_G_ILN_CF[1]	-	IN Crest Faktor
19664	float	RD/WR	_G_ILN_CF[2]	-	IN Crest Faktor
19666	float	RD/WR	_G_ILN_CF[3]	-	IN Crest Faktor
19688	float	RD/WR	_G_IRATED_TDD[0]	A	Maximum demand load current, L1..L3
19690	float	RD/WR	_G_IRATED_TDD[1]	A	Maximum demand load current, L4

Mean values (float type)

Address	Format	RD/WR	Designation	Unit	Note
4199	float	RD	_FREQ200MS [0]	Hz	Frequency L1, 200ms Average
4201	float	RD	_FREQ200MS [1]	Hz	Frequency L2, 200ms Average
4203	float	RD	_FREQ200MS [2]	Hz	Frequency L3, 200ms Average
4205	float	RD	_FREQ200MS [3]	Hz	Frequency L4, 200ms Average
4211	float	RD/WR	_ULN_AVG[0]	V	Mean value, voltage U L1-N
4213	float	RD/WR	_ULN_AVG[1]	V	Mean value, voltage U L2-N
4215	float	RD/WR	_ULN_AVG[2]	V	Mean value, voltage U L3-N
4217	float	RD/WR	_ULN_AVG[3]	V	Mean value, voltage U L4-N
4219	float	RD/WR	_ULL_AVG[0]	V	Mean value, voltage U L1-L2
4221	float	RD/WR	_ULL_AVG[1]	V	Mean value, voltage U L2-L3
4223	float	RD/WR	_ULL_AVG[2]	V	Mean value, voltage U L3-L1
4225	float	RD/WR	_ULN_CF_AVG[0]		Mean value, crest factor of the Voltage U L1-N
4227	float	RD/WR	_ULN_CF_AVG[1]		Mean value, crest factor of the Voltage U L2-N
4229	float	RD/WR	_ULN_CF_AVG[2]		Mean value, crest factor of the Voltage U L3-N
4231	float	RD/WR	_ULN_CF_AVG[3]		Mean value, crest factor of the Voltage U L4-N
4233	float	RD/WR	_ULL_CF_AVG[0]		Mean value, crest factor of the Voltage U L1-L2
4235	float	RD/WR	_ULL_CF_AVG[1]		Mean value, crest factor of the Voltage U L2-L3
4237	float	RD/WR	_ULL_CF_AVG[2]		Mean value, crest factor of the Voltage U L3-L1
4239	float	RD/WR	_UN_AVG	V	Mean value, zero sequence
4241	float	RD/WR	_UM_AVG	V	Mean value, positive sequence
4243	float	RD/WR	_UG_AVG	V	Mean value, negative sequence
4245	float	RD/WR	_THD_ULN_AVG[0]	%	Mean value, harmonic, THD,U L1-N
4247	float	RD/WR	_THD_ULN_AVG[1]	%	Mean value, harmonic, THD,U L2-N
4249	float	RD/WR	_THD_ULN_AVG[2]	%	Mean value, harmonic, THD,U L3-N
4251	float	RD/WR	_THD_ULN_AVG[3]	%	Mean value, harmonic, THD,U L4-N
4253	float	RD/WR	_THD_ZLN_AVG[0]	%	Mean value, interharmonics, ZHD, U, L1
4255	float	RD/WR	_THD_ZLN_AVG[1]	%	Mean value, interharmonics, ZHD, U, L2
4257	float	RD/WR	_THD_ZLN_AVG[2]	%	Mean value, interharmonics, ZHD, U, L3
4259	float	RD/WR	_THD_ZLN_AVG[3]	%	Mean value, interharmonics, ZHD, U, L4
4261	float	RD/WR	_ULN_OVER_AVG[0]	%	Mean value, over difference, U L1 (61000-4-30)
4263	float	RD/WR	_ULN_OVER_AVG[1]	%	Mean value, over difference, U L2 (61000-4-30)
4265	float	RD/WR	_ULN_OVER_AVG[2]	%	Mean value, over difference, U L3 (61000-4-30)
4267	float	RD/WR	_ULN_OVER_AVG[3]	%	Mean value, over difference, U L4 (61000-4-30)
4269	float	RD/WR	_ULN_UNDER_AVG[0]	%	Mean value, under difference, U L1 (61000-4-30)
4271	float	RD/WR	_ULN_UNDER_AVG[1]	%	Mean value, under difference, U L1 (61000-4-30)
4273	float	RD/WR	_ULN_UNDER_AVG[2]	%	Mean value, under difference, U L1 (61000-4-30)
4275	float	RD/WR	_ULN_UNDER_AVG[3]	%	Mean value, under difference, U L1 (61000-4-30)
4277	float	RD/WR	_ULN_NEG_PEAK_AVG[0]	V	Mean value, peak value negative, U L1-N
4279	float	RD/WR	_ULN_NEG_PEAK_AVG[1]	V	Mean value, peak value negative, U L2-N
4281	float	RD/WR	_ULN_NEG_PEAK_AVG[2]	V	Mean value, peak value negative, U L3-N
4283	float	RD/WR	_ULN_NEG_PEAK_AVG[3]	V	Mean value, peak value negative, U L4-N
4285	float	RD/WR	_ULN_POS_PEAK_AVG[0]	V	Mean value, peak value positive, U L1-N
4287	float	RD/WR	_ULN_POS_PEAK_AVG[1]	V	Mean value, peak value positive, U L2-N
4289	float	RD/WR	_ULN_POS_PEAK_AVG[2]	V	Mean value, peak value positive, U L3-N
4291	float	RD/WR	_ULN_POS_PEAK_AVG[3]	V	Mean value, peak value positive, U L4-N
4293	float	RD/WR	_ULN_PEAK_PEAK_AVG[0]	V	Mean value, peak-peak value, U L1-N
4295	float	RD/WR	_ULN_PEAK_PEAK_AVG[1]	V	Mean value, peak-peak value, U L2-N
4297	float	RD/WR	_ULN_PEAK_PEAK_AVG[2]	V	Mean value, peak-peak value, U L3-N
4299	float	RD/WR	_ULN_PEAK_PEAK_AVG[3]	V	Mean value, peak-peak value, U L4-N
4301	float	RD/WR	_THD_ULL_AVG[0]	%	Mean value, harmonic, THD,U L1-L2
4303	float	RD/WR	_THD_ULL_AVG[1]	%	Mean value, harmonic, THD,U L2-L3
4305	float	RD/WR	_THD_ULL_AVG[2]	%	Mean value, harmonic, THD,U L3-L1
4307	float	RD/WR	_THD_ZLL_AVG[0]	%	Mean value, interharmonics, U L1-L2
4309	float	RD/WR	_THD_ZLL_AVG[1]	%	Mean value, interharmonics, U L2-L3
4311	float	RD/WR	_THD_ZLL_AVG[2]	%	Mean value, interharmonics, U L3-L1
4313	float	RD/WR	_ULL_OVER_AVG[0]	%	Mean value, over difference, U L1-L2 (61000-4-30)
4315	float	RD/WR	_ULL_OVER_AVG[1]	%	Mean value, over difference, U L2-L3 (61000-4-30)
4317	float	RD/WR	_ULL_OVER_AVG[2]	%	Mean value, over difference, U L3-L1 (61000-4-30)
4319	float	RD/WR	_ULL_UNDER_AVG[0]	%	Mean value, under difference, U L1-L2 (61000-4-30)
4321	float	RD/WR	_ULL_UNDER_AVG[1]	%	Mean value, under difference, U L2-L3 (61000-4-30)
4323	float	RD/WR	_ULL_UNDER_AVG[2]	%	Mean value, under difference, U L3-L1 (61000-4-30)

Address	Format	RD/WR	Designation	Unit	Note
4325	float	RD/WR	_ULL_NEG_PEAK_AVG[0]	V	Mean value, peak value negative, U L1-L2
4327	float	RD/WR	_ULL_NEG_PEAK_AVG[1]	V	Mean value, peak value negative, U L2-L3
4329	float	RD/WR	_ULL_NEG_PEAK_AVG[2]	V	Mean value, peak value negative, U L3-L1
4331	float	RD/WR	_ULL_POS_PEAK_AVG[0]	V	Mean value, peak value positive, U L1-L2
4333	float	RD/WR	_ULL_POS_PEAK_AVG[1]	V	Mean value, peak value positive, U L2-L3
4335	float	RD/WR	_ULL_POS_PEAK_AVG[2]	V	Mean value, peak value positive, U L3-L1
4337	float	RD/WR	_ULL_PEAK_PEAK_AVG[0]	V	Mean value, peak-peak value, U L1-L2
4339	float	RD/WR	_ULL_PEAK_PEAK_AVG[1]	V	Mean value, peak-peak value, U L2-L3
4341	float	RD/WR	_ULL_PEAK_PEAK_AVG[2]	V	Mean value, peak-peak value, U L3-L1
4343	float	RD/WR	_U_STERN_AVG	V	
4345	float	RD/WR	_U_SYM_AVG	%	Mean value, unsymmetrical, voltage
4347	float	RD/WR	_FREQ_AVG	Hz	Mean value, measured frequency
4349	float	RD/WR	_NORM_FREQ_AVG	Hz	Mean value, nominal frequency
4351	float	RD/WR	_PLN_AVG[0]	W	Mean value, real power L1
4353	float	RD/WR	_PLN_AVG[1]	W	Mean value, real power L2
4355	float	RD/WR	_PLN_AVG[2]	W	Mean value, real power L3
4357	float	RD/WR	_PLN_AVG[3]	W	Mean value, real power L4
4359	float	RD/WR	_P_SUM_AVG	W	Mean value, sum; P = P1 + P2 + P3 + P4
4361	float	RD/WR	_Q_SUM_AVG	var	Mean value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3 + Q4
4363	float	RD/WR	_QLN_AVG[0]	var	Mean value, reactive power L1 (fundamental comp.)
4365	float	RD/WR	_QLN_AVG[1]	var	Mean value, reactive power L2 (fundamental comp.)
4367	float	RD/WR	_QLN_AVG[2]	var	Mean value, reactive power L3 (fundamental comp.)
4369	float	RD/WR	_QLN_AVG[3]	var	Mean value, reactive power L4 (fundamental comp.)
4371	float	RD/WR	_P_SUM3_AVG	W	Mean value, Sum; P = P1 + P2 + P3
4373	float	RD/WR	_Q_SUM3_AVG	var	Mean value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3
4375	float	RD/WR	_ILN_AVG[0]	A	Mean value, apparent current, L1
4377	float	RD/WR	_ILN_AVG[1]	A	Mean value, apparent current, L2
4379	float	RD/WR	_ILN_AVG[2]	A	Mean value, apparent current, L3
4381	float	RD/WR	_ILN_AVG[3]	A	Mean value, apparent current, L4
4383	float	RD/WR	_SLN_AVG[0]	VA	Mean value, apparent power L1
4385	float	RD/WR	_SLN_AVG[1]	VA	Mean value, apparent power L2
4387	float	RD/WR	_SLN_AVG[2]	VA	Mean value, apparent power L3
4389	float	RD/WR	_SLN_AVG[3]	VA	Mean value, apparent power L4
4391	float	RD/WR	_I_SUM3_AVG	A	Mean value, vector sum; IN = I1 + I2 + I3
4393	float	RD/WR	_I_SUM_AVG	A	Mean value, vector sum; I1 + I2 + I3 + I4
4395	float	RD/WR	_S_SUM3_AVG	VA	Mean value, sum; S = S1 + S2 + S3
4397	float	RD/WR	_S_SUM_AVG	VA	Mean value, sum; S = S1 + S2 + S3 + S4
4399	float	RD/WR	_THD_IL_AVG[0]	%	Mean value, harmonic, THD, I L1
4401	float	RD/WR	_THD_IL_AVG[1]	%	Mean value, harmonic, THD, I L2
4403	float	RD/WR	_THD_IL_AVG[2]	%	Mean value, harmonic, THD, I L3
4405	float	RD/WR	_THD_IL_AVG[3]	%	Mean value, harmonic, THD, I L4
4407	float	RD/WR	_ZHD_IL_AVG[0]	%	Mean value, interharmonics, ZHD, I, L1
4409	float	RD/WR	_ZHD_IL_AVG[1]	%	Mean value, interharmonics, ZHD, I, L2
4411	float	RD/WR	_ZHD_IL_AVG[2]	%	Mean value, interharmonics, ZHD, I, L3
4413	float	RD/WR	_ZHD_IL_AVG[3]	%	Mean value, interharmonics, ZHD, I, L4
4415	float	RD/WR	_ILN_CF_AVG[0]		Mean value, crest factor, I L1
4417	float	RD/WR	_ILN_CF_AVG[1]		Mean value, crest factor, I L2
4419	float	RD/WR	_ILN_CF_AVG[2]		Mean value, crest factor, I L3
4421	float	RD/WR	_ILN_CF_AVG[3]		Mean value, crest factor, I L4
4423	float	RD/WR	_IN_AVG	A	Mean value, zero sequence, current
4425	float	RD/WR	_IM_AVG	A	Mean value, positive sequence, current
4427	float	RD/WR	_IG_AVG	A	Mean value, negative sequence, current
4429	float	RD/WR	_I_SYM_AVG	%	Mean value, unsymmetrical, current
4431	float	RD/WR	_ILN_OVER_AVG[0]	%	Mean value, over difference, I L1
4433	float	RD/WR	_ILN_OVER_AVG[1]	%	Mean value, over difference, I L2
4435	float	RD/WR	_ILN_OVER_AVG[2]	%	Mean value, over difference, I L3
4437	float	RD/WR	_ILN_OVER_AVG[3]	%	Mean value, over difference, I L4
4439	float	RD/WR	_ILN_UNDER_AVG[0]	%	Mean value, under difference, I L1
4441	float	RD/WR	_ILN_UNDER_AVG[1]	%	Mean value, under difference, I L2
4443	float	RD/WR	_ILN_UNDER_AVG[2]	%	Mean value, under difference, I L3
4445	float	RD/WR	_ILN_UNDER_AVG[3]	%	Mean value, under difference, I L4

Address	Format	RD/WR	Designation	Unit	Note
4447	float	RD/WR	_ILN_NEG_PEAK_AVG[0]	A	Mean value, peak value negative, I L1
4449	float	RD/WR	_ILN_NEG_PEAK_AVG[1]	A	Mean value, peak value negative, I L2
4451	float	RD/WR	_ILN_NEG_PEAK_AVG[2]	A	Mean value, peak value negative, I L3
4453	float	RD/WR	_ILN_NEG_PEAK_AVG[3]	A	Mean value, peak value negative, I L4
4455	float	RD/WR	_ILN_POS_PEAK_AVG[0]	A	Mean value, peak value positive, I L1
4457	float	RD/WR	_ILN_POS_PEAK_AVG[1]	A	Mean value, peak value positive, I L2
4459	float	RD/WR	_ILN_POS_PEAK_AVG[2]	A	Mean value, peak value positive, I L3
4461	float	RD/WR	_ILN_POS_PEAK_AVG[3]	A	Mean value, peak value positive, I L4
4463	float	RD/WR	_ILN_PEAK_PEAK_AVG[0]	A	Mean value, peak-peak value, I L1
4465	float	RD/WR	_ILN_PEAK_PEAK_AVG[1]	A	Mean value, peak-peak value, I L2
4467	float	RD/WR	_ILN_PEAK_PEAK_AVG[2]	A	Mean value, peak-peak value, I L3
4469	float	RD/WR	_ILN_PEAK_PEAK_AVG[3]	A	Mean value, peak-peak value, I L4
4471	float	RD/WR	_FLI_PF5_AVG[0]		Mean value, current flicker Pf5, L1-N
4473	float	RD/WR	_FLI_PF5_AVG[1]		Mean value, current flicker Pf5, L2-N
4475	float	RD/WR	_FLI_PF5_AVG[2]		Mean value, current flicker Pf5, L3-N
4477	float	RD/WR	_FLI_PF5_AVG[3]		Mean value, current flicker Pf5, L4-N
4479	float	RD/WR	_FLI_ST_AVG[0]		
4481	float	RD/WR	_FLI_ST_AVG[1]		
4483	float	RD/WR	_FLI_ST_AVG[2]		
4485	float	RD/WR	_FLI_ST_AVG[3]		
4487	float	RD/WR	_FLI_LT_AVG[0]		
4489	float	RD/WR	_FLI_LT_AVG[1]		
4491	float	RD/WR	_FLI_LT_AVG[2]		
4493	float	RD/WR	_FLI_LT_AVG[3]		
4495	float	RD/WR	_IRC_AVG[0]	A	Mean value, ripple control signal, I L1
4497	float	RD/WR	_IRC_AVG[1]	A	Mean value, ripple control signal, I L2
4499	float	RD/WR	_IRC_AVG[2]	A	Mean value, ripple control signal, I L3
4501	float	RD/WR	_IRC_AVG[3]	A	Mean value, ripple control signal, I L4
4503	float	RD/WR	_ULL_RC_AVG[0]	V	Mean value, ripple control signal, U L1-L2, (61000-4-30)
4505	float	RD/WR	_ULL_RC_AVG[1]	V	Mean value, ripple control signal, U L2-L3, (61000-4-30
4507	float	RD/WR	_ULL_RC_AVG[2]	V	Mean value, ripple control signal, U L3-L1, (61000-4-30
4519	float	RD/WR	_PFLN_AVG[0]	%	Mean value, power factor; L1
4521	float	RD/WR	_PFLN_AVG[1]	%	Mean value, power factor; L2
4523	float	RD/WR	_PFLN_AVG[2]	%	Mean value, power factor; L3
4525	float	RD/WR	_PFLN_AVG[3]	%	Mean value, power factor; L4
4527	float	RD/WR	_DLN_AVG[0]	var	Mean value, distortion power factor; L1
4529	float	RD/WR	_DLN_AVG[1]	var	Mean value, distortion power factor; L2
4531	float	RD/WR	_DLN_AVG[2]	var	Mean value, distortion power factor; L3
4533	float	RD/WR	_DLN_AVG[3]	var	Mean value, distortion power factor; L4
4535	float	RD/WR	_KFACT_AVG[0]	%	Mean value, K-Factor, L1
4537	float	RD/WR	_KFACT_AVG[1]	%	Mean value, K-Factor, L2
4539	float	RD/WR	_KFACT_AVG[2]	%	Mean value, K-Factor, L3
4541	float	RD/WR	_KFACT_AVG[3]	%	Mean value, K-Factor, L4
4543	float	RD/WR	_S0_POWER_AVG[0]	W	Mean value, Input 1, measured value
4545	float	RD/WR	_S0_POWER_AVG[1]	W	Mean value, Input 2, measured value
4547	float	RD/WR	_TEMPERATUR_AVG	°C	Mean value, internal temperature
19630	float	RD/WR	_ULN_AVG_SUM	V	Mean value, ULN=(UL1+UL2+UL3)/3
19632	float	RD/WR	_ULL_AVG_SUM	V	Mean value, ULL=(ULL1+ULL2+ULL3)/3
19634	float	RD/WR	_ILN_AVG_SUM	A	Mean value, IN=(I1+I2+I3)/3
19696	float	RD/WR	_TDD_AVG	%	Mean value, Total Demand Distortion

Minimum values (float type)

Address	Format	RD/WR	Designation	Unit	Note
4549	float	RD/WR	_ULN_MIN[0]	V	Min. value, voltage L1-N
4551	float	RD/WR	_ULN_MIN[1]	V	Min. value, voltage L2-N
4553	float	RD/WR	_ULN_MIN[2]	V	Min. value, voltage L3-N
4555	float	RD/WR	_ULN_MIN[3]	V	Min. value, voltage L4-N
4557	float	RD/WR	_ULL_MIN[0]	V	Min. value, phase conductor voltage; L1-L2
4559	float	RD/WR	_ULL_MIN[1]	V	Min. value, phase conductor voltage; L2-L3
4561	float	RD/WR	_ULL_MIN[2]	V	Min. value phase conductor voltage; L3-L1
4563	float	RD/WR	_ULN_CF_MIN[0]		Min. value, crest factor of the Voltage U L1-N
4565	float	RD/WR	_ULN_CF_MIN[1]		Min. value, crest factor of the Voltage U L2-N
4567	float	RD/WR	_ULN_CF_MIN[2]		Min. value, crest factor of the Voltage U L3-N
4569	float	RD/WR	_ULN_CF_MIN[3]		Min. value, crest factor of the Voltage U L4-N
4571	float	RD/WR	_ULL_CF_MIN[0]		Min. value, crest factor of the Voltage U L1-L2
4573	float	RD/WR	_ULL_CF_MIN[1]		Min. value, crest factor of the Voltage U L2-L3
4575	float	RD/WR	_ULL_CF_MIN[2]		Min. value, crest factor of the Voltage U L3-L1
4577	float	RD/WR	_UN_MIN	V	Min. value, zero sequence
4579	float	RD/WR	_UM_MIN	V	Min. value, positive sequence
4581	float	RD/WR	_UG_MIN	V	Min. value, negative sequence
4583	float	RD/WR	_URC_MIN[0]	V	Min. value, ripple control signal, U L1-N (61000-4-30)
4585	float	RD/WR	_URC_MIN[1]	V	Min. value, ripple control signal, U L2-N (61000-4-30)
4587	float	RD/WR	_URC_MIN[2]	V	Min. value, ripple control signal, U L3-N (61000-4-30)
4589	float	RD/WR	_URC_MIN[3]	V	Min. value, ripple control signal, U L4-N (61000-4-30)
4591	float	RD/WR	_THD_ULN_MIN[0]	%	Min. value, harmonic, THD,U L1-N
4593	float	RD/WR	_THD_ULN_MIN[1]	%	Min. value, harmonic, THD,U L2-N
4595	float	RD/WR	_THD_ULN_MIN[2]	%	Min. value, harmonic, THD,U L3-N
4597	float	RD/WR	_THD_ULN_MIN[3]	%	Min. value, harmonic, THD,U L4-N
4599	float	RD/WR	_THD_ZLN_MIN[0]	%	Min. value, interharmonics, ZHD, U, L1
4601	float	RD/WR	_THD_ZLN_MIN[1]	%	Min. value, interharmonics, ZHD, U, L2
4603	float	RD/WR	_THD_ZLN_MIN[2]	%	Min. value, interharmonics, ZHD, U, L3
4605	float	RD/WR	_THD_ZLN_MIN[3]	%	Min. value, interharmonics, ZHD, U, L4
4607	float	RD/WR	_ULN_OVER_MIN[0]	%	Min. value, over difference, U L1 (61000-4-30)
4609	float	RD/WR	_ULN_OVER_MIN[1]	%	Min. value, over difference, U L2 (61000-4-30)
4611	float	RD/WR	_ULN_OVER_MIN[2]	%	Min. value, over difference, U L3 (61000-4-30)
4613	float	RD/WR	_ULN_OVER_MIN[3]	%	Min. value, over difference, U L4 (61000-4-30)
4615	float	RD/WR	_ULN_UNDER_MIN[0]	%	Min. value, under difference, U L1 (61000-4-30)
4617	float	RD/WR	_ULN_UNDER_MIN[1]	%	Min. value, under difference, U L2 (61000-4-30)
4619	float	RD/WR	_ULN_UNDER_MIN[2]	%	Min. value, under difference, U L3 (61000-4-30)
4621	float	RD/WR	_ULN_UNDER_MIN[3]	%	Min. value, under difference, U L4 (61000-4-30)
4623	float	RD/WR	_ULN_NEG_PEAK_MIN[0]	V	Min. value, peak value negative, U L1-N
4625	float	RD/WR	_ULN_NEG_PEAK_MIN[1]	V	Min. value, peak value negative, U L2-N
4627	float	RD/WR	_ULN_NEG_PEAK_MIN[2]	V	Min. value, peak value negative, U L3-N
4629	float	RD/WR	_ULN_NEG_PEAK_MIN[3]	V	Min. value, peak value negative, U L4-N
4631	float	RD/WR	_ULN_POS_PEAK_MIN[0]	V	Min. value, peak value positive, U L1-N
4633	float	RD/WR	_ULN_POS_PEAK_MIN[1]	V	Min. value, peak value positive, U L2-N
4635	float	RD/WR	_ULN_POS_PEAK_MIN[2]	V	Min. value, peak value positive, U L3-N
4637	float	RD/WR	_ULN_POS_PEAK_MIN[3]	V	Min. value, peak value positive, U L4-N
4639	float	RD/WR	_ULN_PEAK_PEAK_MIN[0]	V	Min. value, peak-peak value, U L1-N
4641	float	RD/WR	_ULN_PEAK_PEAK_MIN[1]	V	Min. value, peak-peak value, U L2-N
4643	float	RD/WR	_ULN_PEAK_PEAK_MIN[2]	V	Min. value, peak-peak value, U L3-N
4645	float	RD/WR	_ULN_PEAK_PEAK_MIN[3]	V	Min. value, peak-peak value, U L4-N
4647	float	RD/WR	_THD_ULL_MIN[0]	%	Min. value, harmonic, THD,U L1-L2
4649	float	RD/WR	_THD_ULL_MIN[1]	%	Min. value, harmonic, THD,U L2-L3
4651	float	RD/WR	_THD_ULL_MIN[2]	%	Min. value, harmonic, THD,U L3-L1
4653	float	RD/WR	_THD_ZLL_MIN[0]	%	Min. value, interharmonics, U L1-L2
4655	float	RD/WR	_THD_ZLL_MIN[1]	%	Min. value, interharmonics, U L2-L3
4657	float	RD/WR	_THD_ZLL_MIN[2]	%	Min. value, interharmonics, U L3-L1
4659	float	RD/WR	_ULL_OVER_MIN[0]	%	Min. value, over difference, U L1-L2 (61000-4-30)
4661	float	RD/WR	_ULL_OVER_MIN[1]	%	Min. value, over difference, U L2-L3 (61000-4-30)
4663	float	RD/WR	_ULL_OVER_MIN[2]	%	Min. value, over difference, U L3-L1 (61000-4-30)
4665	float	RD/WR	_ULL_UNDER_MIN[0]	%	Min. value, under difference, U L1-L2 (61000-4-30)
4667	float	RD/WR	_ULL_UNDER_MIN[1]	%	Min. value, under difference, U L2-L3 (61000-4-30)
4669	float	RD/WR	_ULL_UNDER_MIN[2]	%	Min. value, under difference, U L3-L1 (61000-4-30)
4671	float	RD/WR	_ULL_NEG_PEAK_MIN[0]	V	Min. value, peak value negative, U L1-L2
4673	float	RD/WR	_ULL_NEG_PEAK_MIN[1]	V	Min. value, peak value negative, U L2-L3

Address	Format	RD/WR	Designation	Unit	Note
4675	float	RD/WR	_ULL_NEG_PEAK_MIN[2]	V	Min. value, peak value negative, U L3-L1
4677	float	RD/WR	_ULL_POS_PEAK_MIN[0]	V	Min. value, peak value positive, U L1-L2
4679	float	RD/WR	_ULL_POS_PEAK_MIN[1]	V	Min. value, peak value positive, U L2-L3
4681	float	RD/WR	_ULL_POS_PEAK_MIN[2]	V	Min. value, peak value positive, U L3-L1
4683	float	RD/WR	_ULL_PEAK_PEAK_MIN[0]	V	Min. value, peak-peak value, U L1-L2
4685	float	RD/WR	_ULL_PEAK_PEAK_MIN[1]	V	Min. value, peak-peak value, U L2-L3
4687	float	RD/WR	_ULL_PEAK_PEAK_MIN[2]	V	Min. value, peak-peak value, U L3-L1
4689	float	RD/WR	_U_STERN_MIN	V	
4691	float	RD/WR	_U_SYM_MIN	%	Min. value, unsymmetrical; voltage
4693	float	RD/WR	_FREQ_MIN	Hz	Min. value, measured frequency
4695	float	RD/WR	_NORM_FREQ_MIN	Hz	Min. value, nominal frequency
4697	float	RD/WR	_PLN_MIN[0]	W	Min. value, real power L1
4699	float	RD/WR	_PLN_MIN[1]	W	Min. value, real power L2
4701	float	RD/WR	_PLN_MIN[2]	W	Min. value, real power L3
4703	float	RD/WR	_PLN_MIN[3]	W	Min. value, real power L4
4705	float	RD/WR	_P_SUM_MIN	W	Min. value, sum; P = P1 + P2 + P3 + P4
4707	float	RD/WR	_Q_SUM_MIN	var	Min. value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3 + Q4
4709	float	RD/WR	_QLN_MIN[0]	var	Min. value, reactive power L1 (fundamental comp.)
4711	float	RD/WR	_QLN_MIN[1]	var	Min. value, reactive power L2 (fundamental comp.)
4713	float	RD/WR	_QLN_MIN[2]	var	Min. value, reactive power L3 (fundamental comp.)
4715	float	RD/WR	_QLN_MIN[3]	var	Min. value, reactive power L4 (fundamental comp.)
4717	float	RD/WR	_P_SUM3_MIN	W	Min. value, Sum; P = P1 + P2 + P3
4719	float	RD/WR	_Q_SUM3_MIN	var	Min. value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3
4721	float	RD/WR	_TEMPERATUR_MIN	°C	Min. value, internal temperature

Maximum values (float type)

Address	Format	RD/WR	Designation	Unit	Note
4723	float	RD/WR	_ULN_MAX[0]	V	Max. value, voltage L1-N
4725	float	RD/WR	_ULN_MAX[1]	V	Max. value, voltage L2-N
4727	float	RD/WR	_ULN_MAX[2]	V	Max. value, voltage L3-N
4729	float	RD/WR	_ULN_MAX[3]	V	Max. value, voltage L4-N
4731	float	RD/WR	_ULL_MAX[0]	V	Max. value, phase conductor voltage; L1-L2
4733	float	RD/WR	_ULL_MAX[1]	V	Max. value, phase conductor voltage; L2-L3
4735	float	RD/WR	_ULL_MAX[2]	V	Max. value, phase conductor voltage; L3-L1
4737	float	RD/WR	_ULN_CF_MAX[0]		Max. value, crest factor of the Voltage U L1-N
4739	float	RD/WR	_ULN_CF_MAX[1]		Max. value, crest factor of the Voltage U L2-N
4741	float	RD/WR	_ULN_CF_MAX[2]		Max. value, crest factor of the Voltage U L3-N
4743	float	RD/WR	_ULN_CF_MAX[3]		Max. value, crest factor of the Voltage U L4-N
4745	float	RD/WR	_ULL_CF_MAX[0]		Max. value, crest factor of the Voltage U L1-L2
4747	float	RD/WR	_ULL_CF_MAX[1]		Max. value, crest factor of the Voltage U L2-L3
4749	float	RD/WR	_ULL_CF_MAX[2]		Max. value, crest factor of the Voltage U L3-L1
4751	float	RD/WR	_UN_MAX	V	Max. value, zero sequence
4753	float	RD/WR	_UM_MAX	V	Max. value, positive sequence
4755	float	RD/WR	_UG_MAX	V	Min. value, negative sequence
4757	float	RD/WR	_URC_MAX[0]	V	Max. value, ripple control signal, U L1-N, (61000-4-30)
4759	float	RD/WR	_URC_MAX[1]	V	Max. value, ripple control signal, U L2-N, (61000-4-30)
4761	float	RD/WR	_URC_MAX[2]	V	Max. value, ripple control signal, U L3-N, (61000-4-30)
4763	float	RD/WR	_URC_MAX[3]	V	Max. value, ripple control signal, U L4-N, (61000-4-30)
4765	float	RD/WR	_THD_ULN_MAX[0]	%	Max. value, harmonic, THD,U L1-N
4767	float	RD/WR	_THD_ULN_MAX[1]	%	Max. value, harmonic, THD,U L2-N
4769	float	RD/WR	_THD_ULN_MAX[2]	%	Max. value, harmonic, THD,U L3-N
4771	float	RD/WR	_THD_ULN_MAX[3]	%	Max. value, harmonic, THD,U L4-N
4773	float	RD/WR	_THD_ZLN_MAX[0]	%	Max. value, interharmonics, ZHD, U, L1
4775	float	RD/WR	_THD_ZLN_MAX[1]	%	Max. value, interharmonics, ZHD, U, L2
4777	float	RD/WR	_THD_ZLN_MAX[2]	%	Max. value, interharmonics, ZHD, U, L3
4779	float	RD/WR	_THD_ZLN_MAX[3]	%	Max. value, interharmonics, ZHD, U, L4
4781	float	RD/WR	_ULN_OVER_MAX[0]	%	Max. value, over difference, U L1 (61000-4-30)
4783	float	RD/WR	_ULN_OVER_MAX[1]	%	Max. value, over difference, U L2 (61000-4-30)
4785	float	RD/WR	_ULN_OVER_MAX[2]	%	Max. value, over difference, U L3 (61000-4-30)
4787	float	RD/WR	_ULN_OVER_MAX[3]	%	Max. value, over difference, U L4 (61000-4-30)
4789	float	RD/WR	_ULN_UNDER_MAX[0]	%	Max. value, under difference, U L1 (61000-4-30)
4791	float	RD/WR	_ULN_UNDER_MAX[1]	%	Max. value, under difference, U L2 (61000-4-30)
4793	float	RD/WR	_ULN_UNDER_MAX[2]	%	Max. value, under difference, U L3 (61000-4-30)
4795	float	RD/WR	_ULN_UNDER_MAX[3]	%	Max. value, under difference, U L4 (61000-4-30)
4797	float	RD/WR	_ULN_NEG_PEAK_MAX[0]	V	Max. value, peak value negative, U L1-N
4799	float	RD/WR	_ULN_NEG_PEAK_MAX[1]	V	Max. value, peak value negative, U L2-N
4801	float	RD/WR	_ULN_NEG_PEAK_MAX[2]	V	Max. value, peak value negative, U L3-N
4803	float	RD/WR	_ULN_NEG_PEAK_MAX[3]	V	Max. value, peak value negative, U L4-N
4805	float	RD/WR	_ULN_POS_PEAK_MAX[0]	V	Max. value, peak value positive, U L1-N
4807	float	RD/WR	_ULN_POS_PEAK_MAX[1]	V	Max. value, peak value positive, U L2-N
4809	float	RD/WR	_ULN_POS_PEAK_MAX[2]	V	Max. value, peak value positive, U L3-N
4811	float	RD/WR	_ULN_POS_PEAK_MAX[3]	V	Max. value, peak value positive, U L4-N
4813	float	RD/WR	_ULN_PEAK_PEAK_MAX[0]	V	Max. value, peak-peak value, U L1-N
4815	float	RD/WR	_ULN_PEAK_PEAK_MAX[1]	V	Max. value, peak-peak value, U L2-N
4817	float	RD/WR	_ULN_PEAK_PEAK_MAX[2]	V	Max. value, peak-peak value, U L3-N
4819	float	RD/WR	_ULN_PEAK_PEAK_MAX[3]	V	Max. value, peak-peak value, U L4-N
4821	float	RD/WR	_THD_ULL_MAX[0]	%	Max. value, harmonic, THD,U L1-L2
4823	float	RD/WR	_THD_ULL_MAX[1]	%	Max. value, harmonic, THD,U L2-L3
4825	float	RD/WR	_THD_ULL_MAX[2]	%	Max. value, harmonic, THD,U L3-L1
4827	float	RD/WR	_THD_ZLL_MAX[0]	%	Max. value, interharmonics, U L1-L2
4829	float	RD/WR	_THD_ZLL_MAX[1]	%	Max. value, interharmonics, U L2-L3
4831	float	RD/WR	_THD_ZLL_MAX[2]	%	Max. value, interharmonics, U L3-L1
4833	float	RD/WR	_ULL_OVER_MAX[0]	%	Max. value, over difference, U L1-L2 (61000-4-30)
4835	float	RD/WR	_ULL_OVER_MAX[1]	%	Max. value, over difference, U L2-L3 (61000-4-30)
4837	float	RD/WR	_ULL_OVER_MAX[2]	%	Max. value, over difference, U L3-L1 (61000-4-30)
4839	float	RD/WR	_ULL_UNDER_MAX[0]	%	Max. value, under difference, U L1-L2 (61000-4-30)

Address	Format	RD/WR	Designation	Unit	Note
4841	float	RD/WR	_ULL_UNDER_MAX[1]	%	Max. value, under difference, U L2-L3 (61000-4-30)
4843	float	RD/WR	_ULL_UNDER_MAX[2]	%	Max. value, under difference, U L3-L1 (61000-4-30)
4845	float	RD/WR	_ULL_NEG_PEAK_MAX[0]	V	Max. value, peak value negative, U L1-L2
4847	float	RD/WR	_ULL_NEG_PEAK_MAX[1]	V	Max. value, peak value negative, U L2-L3
4849	float	RD/WR	_ULL_NEG_PEAK_MAX[2]	V	Max. value, peak value negative, U L3-L1
4851	float	RD/WR	_ULL_POS_PEAK_MAX[0]	V	Max. value, peak value positive, U L1-L2
4853	float	RD/WR	_ULL_POS_PEAK_MAX[1]	V	Max. value, peak value positive, U L2-L3
4855	float	RD/WR	_ULL_POS_PEAK_MAX[2]	V	Max. value, peak value positive, U L3-L1
4857	float	RD/WR	_ULL_PEAK_PEAK_MAX[0]	V	Max. value, peak-peak value, U L1-L2
4859	float	RD/WR	_ULL_PEAK_PEAK_MAX[1]	V	Max. value, peak-peak value, U L2-L3
4861	float	RD/WR	_ULL_PEAK_PEAK_MAX[2]	V	Max. value, peak-peak value, U L3-L1
4863	float	RD/WR	_U_STERN_MAX	V	
4865	float	RD/WR	_U_SYM_MAX	%	Max. value, unsymmetrical; voltage
4867	float	RD/WR	_FREQ_MAX	Hz	Max. value, measured frequency
4869	float	RD/WR	_NORM_FREQ_MAX	Hz	Max. value, nominal frequency
4871	float	RD/WR	_PLN_MAX[0]	W	Max. value, real power L1
4873	float	RD/WR	_PLN_MAX[1]	W	Max. value, real power L2
4875	float	RD/WR	_PLN_MAX[2]	W	Max. value, real power L3
4877	float	RD/WR	_PLN_MAX[3]	W	Max. value, real power L4
4879	float	RD/WR	_P_SUM_MAX	W	Max. value, sum; P = P1 + P2 + P3 + P4
4881	float	RD/WR	_Q_SUM_MAX	var	Max. value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3 + Q4
4883	float	RD/WR	_QLN_MAX[0]	var	Max. value, reactive power L1 (fundamental comp.)
4885	float	RD/WR	_QLN_MAX[1]	var	Max. value, reactive power L2 (fundamental comp.)
4887	float	RD/WR	_QLN_MAX[2]	var	Max. value, reactive power L3 (fundamental comp.)
4889	float	RD/WR	_QLN_MAX[3]	var	Max. value, reactive power L4 (fundamental comp.)
4891	float	RD/WR	_P_SUM3_MAX	W	Max. value, Sum; P = P1 + P2 + P3
4893	float	RD/WR	_Q_SUM3_MAX	var	Max. value, mains frequency reactive power Sum; Q = Q1 + Q2 + Q3
4895	float	RD/WR	_ILN_MAX[0]	A	Max. value, apparent current, L1
4897	float	RD/WR	_ILN_MAX[1]	A	Max. value, apparent current, L2
4899	float	RD/WR	_ILN_MAX[2]	A	Max. value, apparent current, L3
4901	float	RD/WR	_ILN_MAX[3]	A	Max. value, apparent current, L4
4903	float	RD/WR	_SLN_MAX[0]	VA	Max. value, apparent power L1
4905	float	RD/WR	_SLN_MAX[1]	VA	Max. value, apparent power L2
4907	float	RD/WR	_SLN_MAX[2]	VA	Max. value, apparent power L3
4909	float	RD/WR	_SLN_MAX[3]	VA	Max. value, apparent power L4
4911	float	RD/WR	_I_SUM3_MAX	A	Max. value, vector sum; IN = I1 + I2 + I3
4913	float	RD/WR	_I_SUM_MAX	A	Max. value, vector sum; I1 + I2 + I3 + I4
4915	float	RD/WR	_S_SUM3_MAX	VA	Max. value, sum; S = S1 + S2 + S3
4917	float	RD/WR	_S_SUM_MAX	VA	Max. value, sum; S = S1 + S2 + S3 + S4
4919	float	RD/WR	_THD_IL_MAX[0]	%	Max. value, harmonic, THD, I L1
4921	float	RD/WR	_THD_IL_MAX[1]	%	Max. value, harmonic, THD, I L2
4923	float	RD/WR	_THD_IL_MAX[2]	%	Max. value, harmonic, THD, I L3
4925	float	RD/WR	_THD_IL_MAX[3]	%	Max. value, harmonic, THD, I L4
4927	float	RD/WR	_ZHD_IL_MAX[0]	%	Max. value, interharmonics, ZHD, I, L1
4929	float	RD/WR	_ZHD_IL_MAX[1]	%	Max. value, interharmonics, ZHD, I, L2
4931	float	RD/WR	_ZHD_IL_MAX[2]	%	Max. value, interharmonics, ZHD, I, L3
4933	float	RD/WR	_ZHD_IL_MAX[3]	%	Max. value, interharmonics, ZHD, I, L4
4935	float	RD/WR	_ILN_CF_MAX[0]		Max. value, crest factor, I L1
4937	float	RD/WR	_ILN_CF_MAX[1]		Max. value, crest factor, I L2
4939	float	RD/WR	_ILN_CF_MAX[2]		Max. value, crest factor, I L3
4941	float	RD/WR	_ILN_CF_MAX[3]		Max. value, crest factor, I L4
4943	float	RD/WR	_IN_MAX	A	Max. value, zero sequence, current
4945	float	RD/WR	_IM_MAX	A	Max. value, positive sequence, current
4947	float	RD/WR	_IG_MAX	A	Max. value, negative sequence, current
4949	float	RD/WR	_I_SYM_MAX	%	Max. value, unsymmetrical; current
4951	float	RD/WR	_ILN_OVER_MAX[0]	%	Max. value, over difference, I L1
4953	float	RD/WR	_ILN_OVER_MAX[1]	%	Max. value, over difference, I L2
4955	float	RD/WR	_ILN_OVER_MAX[2]	%	Max. value, over difference, I L3
4957	float	RD/WR	_ILN_OVER_MAX[3]	%	Max. value, over difference, I L4
4959	float	RD/WR	_ILN_UNDER_MAX[0]	%	Max. value, under difference, I L1
4961	float	RD/WR	_ILN_UNDER_MAX[1]	%	Max. value, under difference, I L2

Address	Format	RD/WR	Designation	Unit	Note
4963	float	RD/WR	_ILN_UNDER_MAX[2]	%	Max. value, under difference, I L3
4965	float	RD/WR	_ILN_UNDER_MAX[3]	%	Max. value, under difference, I L4
4967	float	RD/WR	_ILN_NEG_PEAK_MAX[0]	A	Max. value, peak value negative, I L1
4969	float	RD/WR	_ILN_NEG_PEAK_MAX[1]	A	Max. value, peak value negative, I L2
4971	float	RD/WR	_ILN_NEG_PEAK_MAX[2]	A	Max. value, peak value negative, I L3
4973	float	RD/WR	_ILN_NEG_PEAK_MAX[3]	A	Max. value, peak value negative, I L4
4975	float	RD/WR	_ILN_POS_PEAK_MAX[0]	A	Max. value, peak value positive, I L1
4977	float	RD/WR	_ILN_POS_PEAK_MAX[1]	A	Max. value, peak value positive, I L2
4979	float	RD/WR	_ILN_POS_PEAK_MAX[2]	A	Max. value, peak value positive, I L3
4981	float	RD/WR	_ILN_POS_PEAK_MAX[3]	A	Max. value, peak value positive, I L4
4983	float	RD/WR	_ILN_PEAK_PEAK_MAX[0]	A	Max. value, peak-peak value, I L1
4985	float	RD/WR	_ILN_PEAK_PEAK_MAX[1]	A	Max. value, peak-peak value, I L2
4987	float	RD/WR	_ILN_PEAK_PEAK_MAX[2]	A	Max. value, peak-peak value, I L3
4989	float	RD/WR	_ILN_PEAK_PEAK_MAX[3]	A	Max. value, peak-peak value, I L4
4991	float	RD/WR	_FLI_PF5_MAX[0]		Max. value, current flicker Pf5, L1-N
4993	float	RD/WR	_FLI_PF5_MAX[1]		Max. value, current flicker Pf5, L2-N
4995	float	RD/WR	_FLI_PF5_MAX[2]		Max. value, current flicker Pf5, L3-N
4997	float	RD/WR	_FLI_PF5_MAX[3]		Max. value, current flicker Pf5, L4-N
4999	float	RD/WR	_FLI_ST_MAX[0]		
5001	float	RD/WR	_FLI_ST_MAX[1]		
5003	float	RD/WR	_FLI_ST_MAX[2]		
5005	float	RD/WR	_FLI_ST_MAX[3]		
5007	float	RD/WR	_FLI_LT_MAX[0]		
5009	float	RD/WR	_FLI_LT_MAX[1]		
5011	float	RD/WR	_FLI_LT_MAX[2]		
5013	float	RD/WR	_FLI_LT_MAX[3]		
5015	float	RD/WR	_ILN_RC_MAX[0]	A	Max. value, ripple control signal, I L1
5017	float	RD/WR	_ILN_RC_MAX[1]	A	Max. value, ripple control signal, I L2
5019	float	RD/WR	_ILN_RC_MAX[2]	A	Max. value, ripple control signal, I L3
5021	float	RD/WR	_ILN_RC_MAX[3]	A	Max. value, ripple control signal, I L4
5023	float	RD/WR	_ULL_RC_MAX[0]	V	Max. value, ripple control signal, U L1-L2
5025	float	RD/WR	_ULL_RC_MAX[1]	V	Max. value, ripple control signal, U L2-L3
5027	float	RD/WR	_ULL_RC_MAX[2]	V	Max. value, ripple control signal, U L3-L1
5039	float	RD/WR	_PFLN_MAX[0]	%	Max. value, power factor; L1
5041	float	RD/WR	_PFLN_MAX[1]	%	Max. value, power factor; L2
5043	float	RD/WR	_PFLN_MAX[2]	%	Max. value, power factor; L3
5045	float	RD/WR	_PFLN_MAX[3]	%	Max. value, power factor; L4
5047	float	RD/WR	_DLN_MAX[0]	var	Max. value, distortion power factor; L1
5049	float	RD/WR	_DLN_MAX[1]	var	Max. value, distortion power factor; L2
5051	float	RD/WR	_DLN_MAX[2]	var	Max. value, distortion power factor; L3
5053	float	RD/WR	_DLN_MAX[3]	var	Max. value, distortion power factor; L4
5055	float	RD/WR	_KFACT_MAX[0]	%	Max. value, K-Factor, L1
5057	float	RD/WR	_KFACT_MAX[1]	%	Max. value, K-Factor, L2
5059	float	RD/WR	_KFACT_MAX[2]	%	Max. value, K-Factor, L3
5061	float	RD/WR	_KFACT_MAX[3]	%	Max. value, K-Factor, L4
5063	float	RD/WR	_S0_POWER_MAX[0]	W	Max. value, Input 1, measured value
5065	float	RD/WR	_S0_POWER_MAX[1]	W	Max. value, Input 2, measured value
5067	float	RD/WR	_TEMPERATUR_MAX	°C	Max. value, internal temperature

Averaging time (short type)

Address	Format	RD/WR	Designation	Unit	Note
5069	short	RD/WR	_ULN_AVG_T[0]	n	Averaging time, U L1-N
5070	short	RD/WR	_ULN_AVG_T[1]	n	Averaging time, U L2-N
5071	short	RD/WR	_ULN_AVG_T[2]	n	Averaging time, U L3-N
5072	short	RD/WR	_ULN_AVG_T[3]	n	Averaging time, U L4-N
5073	short	RD/WR	_ULL_AVG_T[0]	n	Averaging time, U L1-L2
5074	short	RD/WR	_ULL_AVG_T[1]	n	Averaging time, U L2-L3
5075	short	RD/WR	_ULL_AVG_T[2]	n	Averaging time, U L3-L1
5076	short	RD/WR	_ULN_CF_AVG_T[0]	n	Averaging time, crest factor, U L1-N
5077	short	RD/WR	_ULN_CF_AVG_T[1]	n	Averaging time, crest factor, U L2-N
5078	short	RD/WR	_ULN_CF_AVG_T[2]	n	Averaging time, crest factor, U L3-N
5079	short	RD/WR	_ULN_CF_AVG_T[3]	n	Averaging time, crest factor, U L4-N
5080	short	RD/WR	_ULL_CF_AVG_T[0]	n	Averaging time, crest factor, U L1-L2
5081	short	RD/WR	_ULL_CF_AVG_T[1]	n	Averaging time, crest factor, U L2-L3
5082	short	RD/WR	_ULL_CF_AVG_T[2]	n	Averaging time, crest factor, U L3-L1
5083	short	RD/WR	_UN_AVG_T	n	Averaging time, zero sequence
5084	short	RD/WR	_UM_AVG_T	n	Averaging time, positive sequence
5085	short	RD/WR	_UG_AVG_T	n	Averaging time, negative sequence
5086	short	RD/WR	_URC_AVG_T[0]	n	Averaging time, ripple control signal, U L1-N
5087	short	RD/WR	_URC_AVG_T[1]	n	Averaging time, ripple control signal, U L2-N
5088	short	RD/WR	_URC_AVG_T[2]	n	Averaging time, ripple control signal, U L3-N
5089	short	RD/WR	_URC_AVG_T[3]	n	Averaging time, ripple control signal, U L4-N
5090	short	RD/WR	_THD_ULN_AVG_T[0]	n	Averaging time, harmonics, THD, U L1-N
5091	short	RD/WR	_THD_ULN_AVG_T[1]	n	Averaging time, harmonics, THD, U L2-N
5092	short	RD/WR	_THD_ULN_AVG_T[2]	n	Averaging time, harmonics, THD, U L3-N
5093	short	RD/WR	_THD_ULN_AVG_T[3]	n	Averaging time, harmonics, THD, U L4-N
5094	short	RD/WR	_THD_ZLN_AVG_T[0]	n	Averaging time, interharmonics, ZHD, U, L1
5095	short	RD/WR	_THD_ZLN_AVG_T[1]	n	Averaging time, interharmonics, ZHD, U, L2
5096	short	RD/WR	_THD_ZLN_AVG_T[2]	n	Averaging time, interharmonics, ZHD, U, L3
5097	short	RD/WR	_THD_ZLN_AVG_T[3]	n	Averaging time, interharmonics, ZHD, U, L4
5098	short	RD/WR	_ULN_OVER_AVG_T[0]	n	Averaging time, over difference, U L1
5099	short	RD/WR	_ULN_OVER_AVG_T[1]	n	Averaging time, over difference, U L2
5100	short	RD/WR	_ULN_OVER_AVG_T[2]	n	Averaging time, over difference, U L3
5101	short	RD/WR	_ULN_OVER_AVG_T[3]	n	Averaging time, over difference, U L4
5102	short	RD/WR	_ULN_UNDER_AVG_T[0]	n	Averaging time, under difference, U L1
5103	short	RD/WR	_ULN_UNDER_AVG_T[1]	n	Averaging time, under difference, U L2
5104	short	RD/WR	_ULN_UNDER_AVG_T[2]	n	Averaging time, under difference, U L3
5105	short	RD/WR	_ULN_UNDER_AVG_T[3]	n	Averaging time, under difference, U L4
5106	short	RD/WR	_ULN_NEG_PEAK_AVG_T[0]	n	Averaging time, peak value negative, U L1-N
5107	short	RD/WR	_ULN_NEG_PEAK_AVG_T[1]	n	Averaging time, peak value negative, U L2-N
5108	short	RD/WR	_ULN_NEG_PEAK_AVG_T[2]	n	Averaging time, peak value negative, U L3-N
5109	short	RD/WR	_ULN_NEG_PEAK_AVG_T[3]	n	Averaging time, peak value negative, U L4-N
5110	short	RD/WR	_ULN_POS_PEAK_AVG_T[0]	n	Averaging time, peak value positive, U L1-N
5111	short	RD/WR	_ULN_POS_PEAK_AVG_T[1]	n	Averaging time, peak value positive, U L2-N
5112	short	RD/WR	_ULN_POS_PEAK_AVG_T[2]	n	Averaging time, peak value positive, U L3-N
5113	short	RD/WR	_ULN_POS_PEAK_AVG_T[3]	n	Averaging time, peak value positive, U L4-N
5114	short	RD/WR	_ULN_PEAK_PEAK_AVG_T[0]	n	Averaging time, peak-peak value, U L1-N
5115	short	RD/WR	_ULN_PEAK_PEAK_AVG_T[1]	n	Averaging time, peak-peak value, U L2-N
5116	short	RD/WR	_ULN_PEAK_PEAK_AVG_T[2]	n	Averaging time, peak-peak value, U L3-N
5117	short	RD/WR	_ULN_PEAK_PEAK_AVG_T[3]	n	Averaging time, peak-peak value, U L4-N
5118	short	RD/WR	_THD_ULL_AVG_T[0]	n	Averaging time, harmonic, THD,U L1-L2
5119	short	RD/WR	_THD_ULL_AVG_T[1]	n	Averaging time, harmonic, THD,U L2-L3
5120	short	RD/WR	_THD_ULL_AVG_T[2]	n	Averaging time, harmonic, THD,U L3-L1
5121	short	RD/WR	_THD_ZLL_AVG_T[0]	n	Averaging time, interharmonics, U L1-L2
5122	short	RD/WR	_THD_ZLL_AVG_T[1]	n	Averaging time, interharmonics, U L2-L3
5123	short	RD/WR	_THD_ZLL_AVG_T[2]	n	Averaging time, interharmonics, U L3-L1
5124	short	RD/WR	_ULL_OVER_AVG_T[0]	n	Averaging time, over difference, U L1-L2
5125	short	RD/WR	_ULL_OVER_AVG_T[1]	n	Averaging time, over difference, U L2-L3
5126	short	RD/WR	_ULL_OVER_AVG_T[2]	n	Averaging time, over difference, U L3-L1
5127	short	RD/WR	_ULL_UNDER_AVG_T[0]	n	Averaging time, under difference, U L1-L2
5128	short	RD/WR	_ULL_UNDER_AVG_T[1]	n	Averaging time, under difference, U L2-L3
5129	short	RD/WR	_ULL_UNDER_AVG_T[2]	n	Averaging time, under difference, U L3-L1
5130	short	RD/WR	_ULL_NEG_PEAK_AVG_T[0]	n	Averaging time, peak value negative, U L1-L2
5131	short	RD/WR	_ULL_NEG_PEAK_AVG_T[1]	n	Averaging time, peak value negative, U L2-L3

Address	Format	RD/WR	Designation	Unit	Note
5132	short	RD/WR	_ULL_NEG_PEAK_AVG_T[2]	n	Averaging time, peak value negative, U L3-L1
5133	short	RD/WR	_ULL_POS_PEAK_AVG_T[0]	n	Averaging time, peak value positive, U L1-L2
5134	short	RD/WR	_ULL_POS_PEAK_AVG_T[1]	n	Averaging time, peak value positive, U L2-L3
5135	short	RD/WR	_ULL_POS_PEAK_AVG_T[2]	n	Averaging time, peak value positive, U L3-L1
5136	short	RD/WR	_ULL_PEAK_PEAK_AVG_T[0]	n	Averaging time, peak-peak value, U L1-L2
5137	short	RD/WR	_ULL_PEAK_PEAK_AVG_T[1]	n	Averaging time, peak-peak value, U L2-L3
5138	short	RD/WR	_ULL_PEAK_PEAK_AVG_T[2]	n	Averaging time, peak-peak value, U L3-L1
5139	short	RD/WR	_U_STERN_AVG_T		
5140	short	RD/WR	_U_SYM_AVG_T	n	Averaging time, unsymmetrical voltage
5141	short	RD/WR	_FREQ_AVG_T	n	Averaging time, measured frequency
5142	short	RD/WR	_NORM_FREQ_AVG_T	n	Averaging time, nominal frequency
5143	short	RD/WR	_PLN_AVG_T[0]	n	Averaging time, real power L1
5144	short	RD/WR	_PLN_AVG_T[1]	n	Averaging time, real power L2
5145	short	RD/WR	_PLN_AVG_T[2]	n	Averaging time, real power L3
5146	short	RD/WR	_PLN_AVG_T[3]	n	Averaging time, real power L4
5147	short	RD/WR	_P_SUM_AVG_T	n	Averaging time, sum P = P1 + P2 + P3 + P4
5148	short	RD/WR	_Q_SUM_AVG_T	n	Averaging time, mains frequency reactive power Sum Q = Q1 + Q2 + Q3 + Q4
5149	short	RD/WR	_QLN_AVG_T[0]	n	Averaging time, reactive power L1
5150	short	RD/WR	_QLN_AVG_T[1]	n	Averaging time, reactive power L2
5151	short	RD/WR	_QLN_AVG_T[2]	n	Averaging time, reactive power L3
5152	short	RD/WR	_QLN_AVG_T[3]	n	Averaging time, reactive power L4
5153	short	RD/WR	_P_SUM3_AVG_T	n	Averaging time, Sum P = P1 + P2 + P3
5154	short	RD/WR	_Q_SUM3_AVG_T	n	Averaging time, mains frequency reactive power Sum Q = Q1 + Q2 + Q3
5155	short	RD/WR	_ILN_AVG_T[0]	n	Averaging time, apparent current, L1
5156	short	RD/WR	_ILN_AVG_T[1]	n	Averaging time, apparent current, L2
5157	short	RD/WR	_ILN_AVG_T[2]	n	Averaging time, apparent current, L3
5158	short	RD/WR	_ILN_AVG_T[3]	n	Averaging time, apparent current, L4
5159	short	RD/WR	_SLN_AVG_T[0]	n	Averaging time, apparent power L1
5160	short	RD/WR	_SLN_AVG_T[1]	n	Averaging time, apparent power L2
5161	short	RD/WR	_SLN_AVG_T[2]	n	Averaging time, apparent power L3
5162	short	RD/WR	_SLN_AVG_T[3]	n	Averaging time, apparent power L4
5163	short	RD/WR	_I_SUM3_AVG_T	n	Averaging time, vector sum; IN = I1 + I2 + I3
5164	short	RD/WR	_I_SUM_AVG_T	n	Averaging time, vector sum; I1 + I2 + I3 + I4
5165	short	RD/WR	_S_SUM3_AVG_T	n	Averaging time, sum; S = S1 + S2 + S3
5166	short	RD/WR	_S_SUM_AVG_T	n	Averaging time, sum; S = S1 + S2 + S3 + S4
5167	short	RD/WR	_THD_IL_AVG_T[0]	n	Averaging time, harmonic, THD, I L1
5168	short	RD/WR	_THD_IL_AVG_T[1]	n	Averaging time, harmonic, THD, I L2
5169	short	RD/WR	_THD_IL_AVG_T[2]	n	Averaging time, harmonic, THD, I L3
5170	short	RD/WR	_THD_IL_AVG_T[3]	n	Averaging time, harmonic, THD, I L4
5171	short	RD/WR	_ZHD_IL_AVG_T[0]	n	Averaging time, interharmonics, ZHD, I, L1
5172	short	RD/WR	_ZHD_IL_AVG_T[1]	n	Averaging time, interharmonics, ZHD, I, L2
5173	short	RD/WR	_ZHD_IL_AVG_T[2]	n	Averaging time, interharmonics, ZHD, I, L3
5174	short	RD/WR	_ZHD_IL_AVG_T[3]	n	Averaging time, interharmonics, ZHD, I, L4
5175	short	RD/WR	_ILN_CF_AVG_T[0]	n	Averaging time, crest factor, I L1
5176	short	RD/WR	_ILN_CF_AVG_T[1]	n	Averaging time, crest factor, I L2
5177	short	RD/WR	_ILN_CF_AVG_T[2]	n	Averaging time, crest factor, I L3
5178	short	RD/WR	_ILN_CF_AVG_T[3]	n	Averaging time, crest factor, I L4
5179	short	RD/WR	_IN_AVG_T	n	Averaging time, zero sequence, current
5180	short	RD/WR	_IM_AVG_T	n	Averaging time, positive sequence, current
5181	short	RD/WR	_IG_AVG_T	n	Averaging time, negative sequence, current
5182	short	RD/WR	_I_SYM_AVG_T	n	Averaging time, unsymmetrical current
5183	short	RD/WR	_ILN_OVER_AVG_T[0]	n	Averaging time, over difference, I L1
5184	short	RD/WR	_ILN_OVER_AVG_T[1]	n	Averaging time, over difference, I L2
5185	short	RD/WR	_ILN_OVER_AVG_T[2]	n	Averaging time, over difference, I L3
5186	short	RD/WR	_ILN_OVER_AVG_T[3]	n	Averaging time, over difference, I L4
5187	short	RD/WR	_ILN_UNDER_AVG_T[0]	n	Averaging time, under difference, I L1
5188	short	RD/WR	_ILN_UNDER_AVG_T[1]	n	Averaging time, under difference, I L2
5189	short	RD/WR	_ILN_UNDER_AVG_T[2]	n	Averaging time, under difference, I L3
5190	short	RD/WR	_ILN_UNDER_AVG_T[3]	n	Averaging time, under difference, I L4
5191	short	RD/WR	_ILN_NEG_PEAK_AVG_T[0]	n	Averaging time, peak value negative, I L1
5192	short	RD/WR	_ILN_NEG_PEAK_AVG_T[1]	n	Averaging time, peak value negative, I L2

Address	Format	RD/WR	Designation	Unit	Note
5193	short	RD/WR	_ILN_NEG_PEAK_AVG_T[2]	n	Averaging time, peak value negative, I L3
5194	short	RD/WR	_ILN_NEG_PEAK_AVG_T[3]	n	Averaging time, peak value negative, I L4
5195	short	RD/WR	_ILN_POS_PEAK_AVG_T[0]	n	Averaging time, peak value positive, I L1
5196	short	RD/WR	_ILN_POS_PEAK_AVG_T[1]	n	Averaging time, peak value positive, I L2
5197	short	RD/WR	_ILN_POS_PEAK_AVG_T[2]	n	Averaging time, peak value positive, I L3
5198	short	RD/WR	_ILN_POS_PEAK_AVG_T[3]	n	Averaging time, peak value positive, I L4
5199	short	RD/WR	_ILN_PEAK_PEAK_AVG_T[0]	n	Averaging time, peak-peak value, I L1
5200	short	RD/WR	_ILN_PEAK_PEAK_AVG_T[1]	n	Averaging time, peak-peak value, I L2
5201	short	RD/WR	_ILN_PEAK_PEAK_AVG_T[2]	n	Averaging time, peak-peak value, I L3
5202	short	RD/WR	_ILN_PEAK_PEAK_AVG_T[3]	n	Averaging time, peak-peak value, I L4
5203	short	RD/WR	_FLI_PF5_AVG_T[0]	n	Averaging time, current flicker Pf5, L1-N
5204	short	RD/WR	_FLI_PF5_AVG_T[1]	n	Averaging time, current flicker Pf5, L2-N
5205	short	RD/WR	_FLI_PF5_AVG_T[2]	n	Averaging time, current flicker Pf5, L3-N
5206	short	RD/WR	_FLI_PF5_AVG_T[3]	n	Averaging time, current flicker Pf5, L4-N
5207	short	RD/WR	_FLI_ST_AVG_T[0]	n	
5208	short	RD/WR	_FLI_ST_AVG_T[1]	n	
5209	short	RD/WR	_FLI_ST_AVG_T[2]	n	
5210	short	RD/WR	_FLI_ST_AVG_T[3]	n	
5211	short	RD/WR	_FLI_LT_AVG_T[0]	n	
5212	short	RD/WR	_FLI_LT_AVG_T[1]	n	
5213	short	RD/WR	_FLI_LT_AVG_T[2]	n	
5214	short	RD/WR	_FLI_LT_AVG_T[3]	n	
5215	short	RD/WR	_ILN_RC_AVG_T[0]	n	Averaging time, ripple control signal, I L1
5216	short	RD/WR	_ILN_RC_AVG_T[1]	n	Averaging time, ripple control signal, I L2
5217	short	RD/WR	_ILN_RC_AVG_T[2]	n	Averaging time, ripple control signal, I L3
5218	short	RD/WR	_ILN_RC_AVG_T[3]	n	Averaging time, ripple control signal, I L4
5219	short	RD/WR	_ULL_RC_AVG_T[0]	n	Averaging time, ripple control signal, U L1-L2
5220	short	RD/WR	_ULL_RC_AVG_T[1]	n	Averaging time, ripple control signal, U L1-L2
5221	short	RD/WR	_ULL_RC_AVG_T[2]	n	Averaging time, ripple control signal, U L1-L2
5227	short	RD/WR	_PFLN_AVG_T[0]	n	Averaging time, power factor; L1
5228	short	RD/WR	_PFLN_AVG_T[1]	n	Averaging time, power factor; L2
5229	short	RD/WR	_PFLN_AVG_T[2]	n	Averaging time, power factor; L3
5230	short	RD/WR	_PFLN_AVG_T[3]	n	Averaging time, power factor; L4
5231	short	RD/WR	_DLN_AVG_T[0]	n	Averaging time, distortion power factor; L1
5232	short	RD/WR	_DLN_AVG_T[1]	n	Averaging time, distortion power factor; L2
5233	short	RD/WR	_DLN_AVG_T[2]	n	Averaging time, distortion power factor; L3
5234	short	RD/WR	_DLN_AVG_T[3]	n	Averaging time, distortion power factor; L4
5235	short	RD/WR	_KFACT_AVG_T[0]	n	Averaging time, K-Factor, L1
5236	short	RD/WR	_KFACT_AVG_T[1]	n	Averaging time, K-Factor, L2
5237	short	RD/WR	_KFACT_AVG_T[2]	n	Averaging time, K-Factor, L3
5238	short	RD/WR	_KFACT_AVG_T[3]	n	Averaging time, K-Factor, L4
5239	short	RD/WR	_S0_POWER_AVG_T[0]	n	Averaging time, input 1, measured value
5240	short	RD/WR	_S0_POWER_AVG_T[1]	n	Averaging time, input 2, measured value
5241	short	RD/WR	_TEMPERATUR_AVG_T	n	Averaging time, internal temperature

Address	Format	RD/WR	Designation	Unit	Note

Minimum values time stamp (uint type)

Address	Format	RD/WR	Designation	Unit	Note
5242	uint	RD/WR	_ULN_MIN_T[0]	s	Time of min. val. (UTC), U L1-N
5244	uint	RD/WR	_ULN_MIN_T[1]	s	Time of min. val. (UTC), U L2-N
5246	uint	RD/WR	_ULN_MIN_T[2]	s	Time of min. val. (UTC), U L3-N
5248	uint	RD/WR	_ULN_MIN_T[3]	s	Time of min. val. (UTC), U L4-N
5250	uint	RD/WR	_ULL_MIN_T[0]	s	Time of min. val. (UTC), U L1-L2
5252	uint	RD/WR	_ULL_MIN_T[1]	s	Time of min. val. (UTC), U L2-L3
5254	uint	RD/WR	_ULL_MIN_T[2]	s	Time of min. val. (UTC), U L3-L1
5256	uint	RD/WR	_ULN_CF_MIN_T[0]	s	Time of min. val. (UTC), crest factor, U L1-N
5258	uint	RD/WR	_ULN_CF_MIN_T[1]	s	Time of min. val. (UTC), crest factor, U L2-N
5260	uint	RD/WR	_ULN_CF_MIN_T[2]	s	Time of min. val. (UTC), crest factor, U L3-N
5262	uint	RD/WR	_ULN_CF_MIN_T[3]	s	Time of min. val. (UTC), crest factor, U L4-N
5264	uint	RD/WR	_ULL_CF_MIN_T[0]	s	Time of min. val. (UTC), crest factor, U L1-L2
5266	uint	RD/WR	_ULL_CF_MIN_T[1]	s	Time of min. val. (UTC), crest factor, U L2-L3
5268	uint	RD/WR	_ULL_CF_MIN_T[2]	s	Time of min. val. (UTC), crest factor, U L3-L1
5270	uint	RD/WR	_UN_MIN_T	s	Time of min. val. (UTC), zero sequence
5272	uint	RD/WR	_UM_MIN_T	s	Time of min. val. (UTC), positive sequence
5274	uint	RD/WR	_UG_MIN_T	s	Time of min. val. (UTC), negative sequence
5276	uint	RD/WR	_URC_MIN_T[0]	s	Time of min. val. (UTC), ripple control signal, U L1-N
5278	uint	RD/WR	_URC_MIN_T[1]	s	Time of min. val. (UTC), ripple control signal, U L2-N
5280	uint	RD/WR	_URC_MIN_T[2]	s	Time of min. val. (UTC), ripple control signal, U L3-N
5282	uint	RD/WR	_URC_MIN_T[3]	s	Time of min. val. (UTC), ripple control signal, U L4-N
5284	uint	RD/WR	_THD_ULN_MIN_T[0]	s	Time of min. val. (UTC), harmonics, THD, U L1-N
5286	uint	RD/WR	_THD_ULN_MIN_T[1]	s	Time of min. val. (UTC), harmonics, THD, U L2-N
5288	uint	RD/WR	_THD_ULN_MIN_T[2]	s	Time of min. val. (UTC), harmonics, THD, U L3-N
5290	uint	RD/WR	_THD_ULN_MIN_T[3]	s	Time of min. val. (UTC), harmonics, THD, U L4-N
5292	uint	RD/WR	_THD_ZLN_MIN_T[0]	s	Time of min. val. (UTC), interharmonics, ZHD, U, L1
5294	uint	RD/WR	_THD_ZLN_MIN_T[1]	s	Time of min. val. (UTC), interharmonics, ZHD, U, L2
5296	uint	RD/WR	_THD_ZLN_MIN_T[2]	s	Time of min. val. (UTC), interharmonics, ZHD, U, L3
5298	uint	RD/WR	_THD_ZLN_MIN_T[3]	s	Time of min. val. (UTC), interharmonics, ZHD, U, L4
5300	uint	RD/WR	_ULN_OVER_MIN_T[0]	s	Time of min. val. (UTC), over difference, U L1
5302	uint	RD/WR	_ULN_OVER_MIN_T[1]	s	Time of min. val. (UTC), over difference, U L2
5304	uint	RD/WR	_ULN_OVER_MIN_T[2]	s	Time of min. val. (UTC), over difference, U L3
5306	uint	RD/WR	_ULN_OVER_MIN_T[3]	s	Time of min. val. (UTC), over difference, U L4
5308	uint	RD/WR	_ULN_UNDER_MIN_T[0]	s	Time of min. val. (UTC), under difference, U L1
5310	uint	RD/WR	_ULN_UNDER_MIN_T[1]	s	Time of min. val. (UTC), under difference, U L2
5312	uint	RD/WR	_ULN_UNDER_MIN_T[2]	s	Time of min. val. (UTC), under difference, U L3
5314	uint	RD/WR	_ULN_UNDER_MIN_T[3]	s	Time of min. val. (UTC), under difference, U L4
5316	uint	RD/WR	_ULN_NEG_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak value negative, U L1-N
5318	uint	RD/WR	_ULN_NEG_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak value negative, U L2-N
5320	uint	RD/WR	_ULN_NEG_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak value negative, U L3-N
5322	uint	RD/WR	_ULN_NEG_PEAK_MIN_T[3]	s	Time of min. val. (UTC), peak value negative, U L4-N
5324	uint	RD/WR	_ULN_POS_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak value positive, U L1-N
5326	uint	RD/WR	_ULN_POS_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak value positive, U L2-N
5328	uint	RD/WR	_ULN_POS_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak value positive, U L3-N
5330	uint	RD/WR	_ULN_POS_PEAK_MIN_T[3]	s	Time of min. val. (UTC), peak value positive, U L4-N
5332	uint	RD/WR	_ULN_PEAK_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak-peak value, U L1-N
5334	uint	RD/WR	_ULN_PEAK_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak-peak value, U L2-N
5336	uint	RD/WR	_ULN_PEAK_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak-peak value, U L3-N
5338	uint	RD/WR	_ULN_PEAK_PEAK_MIN_T[3]	s	Time of min. val. (UTC), peak-peak value, U L4-N
5340	uint	RD/WR	_THD_ULL_MIN_T[0]	s	Time of min. val. (UTC), harmonic, THD,U L1-L2
5342	uint	RD/WR	_THD_ULL_MIN_T[1]	s	Time of min. val. (UTC), harmonic, THD,U L2-L3
5344	uint	RD/WR	_THD_ULL_MIN_T[2]	s	Time of min. val. (UTC), harmonic, THD,U L3-L1
5346	uint	RD/WR	_THD_ZLL_MIN_T[0]	s	Time of min. val. (UTC), interharmonics, U L1-L2
5348	uint	RD/WR	_THD_ZLL_MIN_T[1]	s	Time of min. val. (UTC), interharmonics, U L2-L3
5350	uint	RD/WR	_THD_ZLL_MIN_T[2]	s	Time of min. val. (UTC), interharmonics, U L3-L1
5352	uint	RD/WR	_ULL_OVER_MIN_T[0]	s	Time of min. val. (UTC), over difference, U L1-L2
5354	uint	RD/WR	_ULL_OVER_MIN_T[1]	s	Time of min. val. (UTC), over difference, U L2-L3
5356	uint	RD/WR	_ULL_OVER_MIN_T[2]	s	Time of min. val. (UTC), over difference, U L3-L1
5358	uint	RD/WR	_ULL_UNDER_MIN_T[0]	s	Time of min. val. (UTC), under difference, U L1-L2
5360	uint	RD/WR	_ULL_UNDER_MIN_T[1]	s	Time of min. val. (UTC), under difference, U L2-L3
5362	uint	RD/WR	_ULL_UNDER_MIN_T[2]	s	Time of min. val. (UTC), under difference, U L3-L4
5364	uint	RD/WR	_ULL_NEG_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak value negative, U L1-L2
5366	uint	RD/WR	_ULL_NEG_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak value negative, U L2-L3

Address	Format	RD/WR	Designation	Unit	Note
5368	uint	RD/WR	_ULL_NEG_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak value negative, U L3-L1
5370	uint	RD/WR	_ULL_POS_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak value positive, U L1-L2
5372	uint	RD/WR	_ULL_POS_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak value positive, U L2-L3
5374	uint	RD/WR	_ULL_POS_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak value positive, U L3-L1
5376	uint	RD/WR	_ULL_PEAK_PEAK_MIN_T[0]	s	Time of min. val. (UTC), peak-peak value, U L1-L2
5378	uint	RD/WR	_ULL_PEAK_PEAK_MIN_T[1]	s	Time of min. val. (UTC), peak-peak value, U L2-L3
5380	uint	RD/WR	_ULL_PEAK_PEAK_MIN_T[2]	s	Time of min. val. (UTC), peak-peak value, U L3-L1
5382	uint	RD/WR	_U_STERN_MIN_T	s	
5384	uint	RD/WR	_U_SYM_MIN_T	s	Time of min. val. (UTC), unsymmetrical voltage
5386	uint	RD/WR	_FREQ_MIN_T	s	Time of min. val. (UTC), measured frequency
5388	uint	RD/WR	_NORM_FREQ_MIN_T	s	Time of min. val. (UTC), nominal frequency
5390	uint	RD/WR	_PLN_MIN_T[0]	s	Time of min. val. (UTC), real power L1
5392	uint	RD/WR	_PLN_MIN_T[1]	s	Time of min. val. (UTC), real power L2
5394	uint	RD/WR	_PLN_MIN_T[2]	s	Time of min. val. (UTC), real power L3
5396	uint	RD/WR	_PLN_MIN_T[3]	s	Time of min. val. (UTC), real power L4
5398	uint	RD/WR	_P_SUM_MIN_T	s	Time of min. val. (UTC), sum; P = P1 + P2 + P3 + P4
5400	uint	RD/WR	_Q_SUM_MIN_T	s	Time of min. val. (UTC), sum; Q = Q1 + Q2 + Q3 + Q4
5402	uint	RD/WR	_QLN_MIN_T[0]	s	Time of min. val. (UTC), reactive power L1
5404	uint	RD/WR	_QLN_MIN_T[1]	s	Time of min. val. (UTC), reactive power L2
5406	uint	RD/WR	_QLN_MIN_T[2]	s	Time of min. val. (UTC), reactive power L3
5408	uint	RD/WR	_QLN_MIN_T[3]	s	Time of min. val. (UTC), reactive power L4
5410	uint	RD/WR	_P_SUM3_MIN_T	s	Time of min. val. (UTC), sum; P = P1 + P2 + P3
5412	uint	RD/WR	_Q_SUM3_MIN_T	s	Time of min. val. (UTC), sum; Q = Q1 + Q2 + Q3
5414	uint	RD/WR	_TEMPERATUR_MIN_T	s	Time of min. val. (UTC), internal temperature

Maximum values time stamp (uint type)

Address	Format	RD/WR	Designation	Unit	Note
5416	uint	RD/WR	_ULN_MAX_T[0]	s	Time of max. val. (UTC), U L1-N
5418	uint	RD/WR	_ULN_MAX_T[1]	s	Time of max. val. (UTC), U L2-N
5420	uint	RD/WR	_ULN_MAX_T[2]	s	Time of max. val. (UTC), U L3-N
5422	uint	RD/WR	_ULN_MAX_T[3]	s	Time of max. val. (UTC), U L4-N
5424	uint	RD/WR	_ULL_MAX_T[0]	s	Time of max. val. (UTC), U L1-L2
5426	uint	RD/WR	_ULL_MAX_T[1]	s	Time of max. val. (UTC), U L2-L3
5428	uint	RD/WR	_ULL_MAX_T[2]	s	Time of max. val. (UTC), U L3-L1
5430	uint	RD/WR	_ULN_CF_MAX_T[0]	s	Time of max. val. (UTC), crest factor, U L1-N
5432	uint	RD/WR	_ULN_CF_MAX_T[1]	s	Time of max. val. (UTC), crest factor, U L2-N
5434	uint	RD/WR	_ULN_CF_MAX_T[2]	s	Time of max. val. (UTC), crest factor, U L3-N
5436	uint	RD/WR	_ULN_CF_MAX_T[3]	s	Time of max. val. (UTC), crest factor, U L4-N
5438	uint	RD/WR	_ULL_CF_MAX_T[0]	s	Time of max. val. (UTC), crest factor, U L1-L2
5440	uint	RD/WR	_ULL_CF_MAX_T[1]	s	Time of max. val. (UTC), crest factor, U L2-L3
5442	uint	RD/WR	_ULL_CF_MAX_T[2]	s	Time of max. val. (UTC), crest factor, U L3-L1
5444	uint	RD/WR	_UN_MAX_T	s	Time of max. val. (UTC), zero sequence
5446	uint	RD/WR	_UM_MAX_T	s	Time of max. val. (UTC), positive sequence
5448	uint	RD/WR	_UG_MAX_T	s	Time of max. val. (UTC), negative sequence
5450	uint	RD/WR	_URC_MAX_T[0]	s	Time of max. val. (UTC), ripple control signal, U L1-N
5452	uint	RD/WR	_URC_MAX_T[1]	s	Time of max. val. (UTC), ripple control signal, U L2-N
5454	uint	RD/WR	_URC_MAX_T[2]	s	Time of max. val. (UTC), ripple control signal, U L3-N
5456	uint	RD/WR	_URC_MAX_T[3]	s	Time of max. val. (UTC), ripple control signal, U L4-N
5458	uint	RD/WR	_THD_ULN_MAX_T[0]	s	Time of max. val. (UTC), harmonics, THD, U L1-N
5460	uint	RD/WR	_THD_ULN_MAX_T[1]	s	Time of max. val. (UTC), harmonics, THD, U L2-N
5462	uint	RD/WR	_THD_ULN_MAX_T[2]	s	Time of max. val. (UTC), harmonics, THD, U L3-N
5464	uint	RD/WR	_THD_ULN_MAX_T[3]	s	Time of max. val. (UTC), harmonics, THD, U L4-N
5466	uint	RD/WR	_THD_ZLN_MAX_T[0]	s	Time of max. val. (UTC), interharmonics, ZHD, U, L1
5468	uint	RD/WR	_THD_ZLN_MAX_T[1]	s	Time of max. val. (UTC), interharmonics, ZHD, U, L2
5470	uint	RD/WR	_THD_ZLN_MAX_T[2]	s	Time of max. val. (UTC), interharmonics, ZHD, U, L3
5472	uint	RD/WR	_THD_ZLN_MAX_T[3]	s	Time of max. val. (UTC), interharmonics, ZHD, U, L4
5474	uint	RD/WR	_ULN_OVER_MAX_T[0]	s	Time of max. val. (UTC), over difference, U L1
5476	uint	RD/WR	_ULN_OVER_MAX_T[1]	s	Time of max. val. (UTC), over difference, U L2
5478	uint	RD/WR	_ULN_OVER_MAX_T[2]	s	Time of max. val. (UTC), over difference, U L3
5480	uint	RD/WR	_ULN_OVER_MAX_T[3]	s	Time of max. val. (UTC), over difference, U L4
5482	uint	RD/WR	_ULN_UNDER_MAX_T[0]	s	Time of max. val. (UTC), under difference, U L1
5484	uint	RD/WR	_ULN_UNDER_MAX_T[1]	s	Time of max. val. (UTC), under difference, U L2
5486	uint	RD/WR	_ULN_UNDER_MAX_T[2]	s	Time of max. val. (UTC), under difference, U L3
5488	uint	RD/WR	_ULN_UNDER_MAX_T[3]	s	Time of max. val. (UTC), under difference, U L4
5490	uint	RD/WR	_ULN_NEG_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value negative, U L1-N
5492	uint	RD/WR	_ULN_NEG_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value negative, U L2-N
5494	uint	RD/WR	_ULN_NEG_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value negative, U L3-N
5496	uint	RD/WR	_ULN_NEG_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak value negative, U L4-N
5498	uint	RD/WR	_ULN_POS_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value positive, U L1-N
5500	uint	RD/WR	_ULN_POS_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value positive, U L2-N
5502	uint	RD/WR	_ULN_POS_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value positive, U L3-N
5504	uint	RD/WR	_ULN_POS_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak value positive, U L4-N
5506	uint	RD/WR	_ULN_PEAK_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak-peak value, U L1-N
5508	uint	RD/WR	_ULN_PEAK_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak-peak value, U L2-N
5510	uint	RD/WR	_ULN_PEAK_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak-peak value, U L3-N
5512	uint	RD/WR	_ULN_PEAK_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak-peak value, U L4-N
5514	uint	RD/WR	_THD_ULL_MAX_T[0]	s	Time of max. val. (UTC), harmonic, THD,U L1-L2
5516	uint	RD/WR	_THD_ULL_MAX_T[1]	s	Time of max. val. (UTC), harmonic, THD,U L2-L3
5518	uint	RD/WR	_THD_ULL_MAX_T[2]	s	Time of max. val. (UTC), harmonic, THD,U L3-L1
5520	uint	RD/WR	_THD_ZLL_MAX_T[0]	s	Time of max. val. (UTC), interharmonics, U L1-L2
5522	uint	RD/WR	_THD_ZLL_MAX_T[1]	s	Time of max. val. (UTC), interharmonics, U L2-L3
5524	uint	RD/WR	_THD_ZLL_MAX_T[2]	s	Time of max. val. (UTC), interharmonics, U L3-L1
5526	uint	RD/WR	_ULL_OVER_MAX_T[0]	s	Time of max. val. (UTC), over difference, U L1-L2
5528	uint	RD/WR	_ULL_OVER_MAX_T[1]	s	Time of max. val. (UTC), over difference, U L2-L3
5530	uint	RD/WR	_ULL_OVER_MAX_T[2]	s	Time of max. val. (UTC), over difference, U L3-L1
5532	uint	RD/WR	_ULL_UNDER_MAX_T[0]	s	Time of max. val. (UTC), under difference, U L1-L2
5534	uint	RD/WR	_ULL_UNDER_MAX_T[1]	s	Time of max. val. (UTC), under difference, U L2-L3
5536	uint	RD/WR	_ULL_UNDER_MAX_T[2]	s	Time of max. val. (UTC), under difference, U L3-L1
5538	uint	RD/WR	_ULL_NEG_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value negative, U L1-L2
5540	uint	RD/WR	_ULL_NEG_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value negative, U L2-L3

Address	Format	RD/WR	Designation	Unit	Note
5542	uint	RD/WR	_ULL_NEG_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value negative, U L3-L1
5544	uint	RD/WR	_ULL_POS_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value positive, U L1-L2
5546	uint	RD/WR	_ULL_POS_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value positive, U L2-L3
5548	uint	RD/WR	_ULL_POS_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value positive, U L3-L1
5550	uint	RD/WR	_ULL_PEAK_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak-peak value, U L1-L2
5552	uint	RD/WR	_ULL_PEAK_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak-peak value, U L2-L3
5554	uint	RD/WR	_ULL_PEAK_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak-peak value, U L3-L1
5556	uint	RD/WR	_U_STERN_MAX_T	s	
5558	uint	RD/WR	_U_SYM_MAX_T	s	Time of max. val. (UTC), unsymmetrical voltage
5560	uint	RD/WR	_FREQ_MAX_T	s	Time of max. val. (UTC), measured frequency
5562	uint	RD/WR	_NORM_FREQ_MAX_T	s	Time of max. val. (UTC), nominal frequency
5564	uint	RD/WR	_PLN_MAX_T[0]	s	Time of max. val. (UTC), real power L1
5566	uint	RD/WR	_PLN_MAX_T[1]	s	Time of max. val. (UTC), real power L2
5568	uint	RD/WR	_PLN_MAX_T[2]	s	Time of max. val. (UTC), real power L3
5570	uint	RD/WR	_PLN_MAX_T[3]	s	Time of max. val. (UTC), real power L4
5572	uint	RD/WR	_P_SUM_MAX_T	s	Time of max. val. (UTC), sum P = P1 + P2 + P3 + P4
5574	uint	RD/WR	_Q_SUM_MAX_T	s	Time of max. val. (UTC), sum Q = Q1 + Q2 + Q3 + Q4
5576	uint	RD/WR	_QLN_MAX_T[0]	s	Time of max. val. (UTC), reactive power L1
5578	uint	RD/WR	_QLN_MAX_T[1]	s	Time of max. val. (UTC), reactive power L2
5580	uint	RD/WR	_QLN_MAX_T[2]	s	Time of max. val. (UTC), reactive power L3
5582	uint	RD/WR	_QLN_MAX_T[3]	s	Time of max. val. (UTC), reactive power L4
5584	uint	RD/WR	_P_SUM3_MAX_T	s	Time of max. val. (UTC), sum P = P1 + P2 + P3
5586	uint	RD/WR	_Q_SUM3_MAX_T	s	Time of max. val. (UTC), sum Q = Q1 + Q2 + Q3
5588	uint	RD/WR	_ILN_MAX_T[0]	s	Time of max. val. (UTC), apparent current, L1
5590	uint	RD/WR	_ILN_MAX_T[1]	s	Time of max. val. (UTC), apparent current, L2
5592	uint	RD/WR	_ILN_MAX_T[2]	s	Time of max. val. (UTC), apparent current, L3
5594	uint	RD/WR	_ILN_MAX_T[3]	s	Time of max. val. (UTC), apparent current, L4
5596	uint	RD/WR	_SLN_MAX_T[0]	s	Time of max. val. (UTC), apparent power L1
5598	uint	RD/WR	_SLN_MAX_T[1]	s	Time of max. val. (UTC), apparent power L2
5600	uint	RD/WR	_SLN_MAX_T[2]	s	Time of max. val. (UTC), apparent power L3
5602	uint	RD/WR	_SLN_MAX_T[3]	s	Time of max. val. (UTC), apparent power L4
5604	uint	RD/WR	_I_SUM3_MAX_T	s	Time of max. val. (UTC), vector sum; IN = I1 + I2 + I3
5606	uint	RD/WR	_I_SUM_MAX_T	s	Time of max. val. (UTC), vector sum; I1 + I2 + I3 + I4
5608	uint	RD/WR	_S_SUM3_MAX_T	s	Time of max. val. (UTC), sum S = S1 + S2 + S3
5610	uint	RD/WR	_S_SUM_MAX_T	s	Time of max. val. (UTC), sum S = S1 + S2 + S3 + S4
5612	uint	RD/WR	_THD_IL_MAX_T[0]	s	Time of max. val. (UTC), harmonic, THD, I L1
5614	uint	RD/WR	_THD_IL_MAX_T[1]	s	Time of max. val. (UTC), harmonic, THD, I L2
5616	uint	RD/WR	_THD_IL_MAX_T[2]	s	Time of max. val. (UTC), harmonic, THD, I L3
5618	uint	RD/WR	_THD_IL_MAX_T[3]	s	Time of max. val. (UTC), harmonic, THD, I L4
5620	uint	RD/WR	_ZHD_IL_MAX_T[0]	s	Time of max. val. (UTC), interharmonics, ZHD, I, L1
5622	uint	RD/WR	_ZHD_IL_MAX_T[1]	s	Time of max. val. (UTC), interharmonics, ZHD, I, L2
5624	uint	RD/WR	_ZHD_IL_MAX_T[2]	s	Time of max. val. (UTC), interharmonics, ZHD, I, L3
5626	uint	RD/WR	_ZHD_IL_MAX_T[3]	s	Time of max. val. (UTC), interharmonics, ZHD, I, L4
5628	uint	RD/WR	_ILN_CF_MAX_T[0]	s	Time of max. val. (UTC), crest factor, I L1
5630	uint	RD/WR	_ILN_CF_MAX_T[1]	s	Time of max. val. (UTC), crest factor, I L2
5632	uint	RD/WR	_ILN_CF_MAX_T[2]	s	Time of max. val. (UTC), crest factor, I L3
5634	uint	RD/WR	_ILN_CF_MAX_T[3]	s	Time of max. val. (UTC), crest factor, I L4
5636	uint	RD/WR	_IN_MAX_T	s	Time of max. val. (UTC), zero sequence, current
5638	uint	RD/WR	_IM_MAX_T	s	Time of max. val. (UTC), positive sequence, current
5640	uint	RD/WR	_IG_MAX_T	s	Time of max. val. (UTC), negative sequence, current
5642	uint	RD/WR	_I_SYM_MAX_T	s	Time of max. val. (UTC), unsymmetrical; current
5644	uint	RD/WR	_ILN_OVER_MAX_T[0]	s	Time of max. val. (UTC), over difference, I L1
5646	uint	RD/WR	_ILN_OVER_MAX_T[1]	s	Time of max. val. (UTC), over difference, I L2
5648	uint	RD/WR	_ILN_OVER_MAX_T[2]	s	Time of max. val. (UTC), over difference, I L3
5650	uint	RD/WR	_ILN_OVER_MAX_T[3]	s	Time of max. val. (UTC), over difference, I L4
5652	uint	RD/WR	_ILN_UNDER_MAX_T[0]	s	Time of max. val. (UTC), under difference, I L1
5654	uint	RD/WR	_ILN_UNDER_MAX_T[1]	s	Time of max. val. (UTC), under difference, I L2
5656	uint	RD/WR	_ILN_UNDER_MAX_T[2]	s	Time of max. val. (UTC), under difference, I L3
5658	uint	RD/WR	_ILN_UNDER_MAX_T[3]	s	Time of max. val. (UTC), under difference, I L4
5660	uint	RD/WR	_ILN_NEG_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value negative, I L1
5662	uint	RD/WR	_ILN_NEG_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value negative, I L2
5664	uint	RD/WR	_ILN_NEG_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value negative, I L3
5666	uint	RD/WR	_ILN_NEG_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak value negative, I L4

Address	Format	RD/WR	Designation	Unit	Note
5668	uint	RD/WR	_ILN_POS_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak value positive, I L1
5670	uint	RD/WR	_ILN_POS_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak value positive, I L2
5672	uint	RD/WR	_ILN_POS_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak value positive, I L3
5674	uint	RD/WR	_ILN_POS_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak value positive, I L4
5676	uint	RD/WR	_ILN_PEAK_PEAK_MAX_T[0]	s	Time of max. val. (UTC), peak-peak value, I L1
5678	uint	RD/WR	_ILN_PEAK_PEAK_MAX_T[1]	s	Time of max. val. (UTC), peak-peak value, I L2
5680	uint	RD/WR	_ILN_PEAK_PEAK_MAX_T[2]	s	Time of max. val. (UTC), peak-peak value, I L3
5682	uint	RD/WR	_ILN_PEAK_PEAK_MAX_T[3]	s	Time of max. val. (UTC), peak-peak value, I L4
5684	uint	RD/WR	_FLI_PF5_MAX_T[0]	s	Time of max. val. (UTC), current flicker Pf5, L1-N
5686	uint	RD/WR	_FLI_PF5_MAX_T[1]	s	Time of max. val. (UTC), current flicker Pf5, L2-N
5688	uint	RD/WR	_FLI_PF5_MAX_T[2]	s	Time of max. val. (UTC), current flicker Pf5, L3-N
5690	uint	RD/WR	_FLI_PF5_MAX_T[3]	s	Time of max. val. (UTC), current flicker Pf5, L4-N
5692	uint	RD/WR	_FLI_ST_MAX_T[0]	s	
5694	uint	RD/WR	_FLI_ST_MAX_T[1]	s	
5696	uint	RD/WR	_FLI_ST_MAX_T[2]	s	
5698	uint	RD/WR	_FLI_ST_MAX_T[3]	s	
5700	uint	RD/WR	_FLI_LT_MAX_T[0]	s	
5702	uint	RD/WR	_FLI_LT_MAX_T[1]	s	
5704	uint	RD/WR	_FLI_LT_MAX_T[2]	s	
5706	uint	RD/WR	_FLI_LT_MAX_T[3]	s	
5708	uint	RD/WR	_ILN_RC_MAX_T[0]	s	Time of max. val. (UTC), ripple control signal, I L1
5710	uint	RD/WR	_ILN_RC_MAX_T[1]	s	Time of max. val. (UTC), ripple control signal, I L2
5712	uint	RD/WR	_ILN_RC_MAX_T[2]	s	Time of max. val. (UTC), ripple control signal, I L3
5714	uint	RD/WR	_ILN_RC_MAX_T[3]	s	Time of max. val. (UTC), ripple control signal, I L4
5716	uint	RD/WR	_ULL_RC_MAX_T[0]	s	Time of max. val. (UTC), ripple control signal, U L1-L2
5718	uint	RD/WR	_ULL_RC_MAX_T[1]	s	Time of max. val. (UTC), ripple control signal, U L2-L3
5720	uint	RD/WR	_ULL_RC_MAX_T[2]	s	Time of max. val. (UTC), ripple control signal, U L3-L1
5732	uint	RD/WR	_PFLN_MAX_T[0]	s	Time of max. val. (UTC), power factor; L1
5734	uint	RD/WR	_PFLN_MAX_T[1]	s	Time of max. val. (UTC), power factor; L2
5736	uint	RD/WR	_PFLN_MAX_T[2]	s	Time of max. val. (UTC), power factor; L3
5738	uint	RD/WR	_PFLN_MAX_T[3]	s	Time of max. val. (UTC), power factor; L4
5740	uint	RD/WR	_DLN_MAX_T[0]	s	Time of max. val. (UTC), distortion power factor; L1
5742	uint	RD/WR	_DLN_MAX_T[1]	s	Time of max. val. (UTC), distortion power factor; L2
5744	uint	RD/WR	_DLN_MAX_T[2]	s	Time of max. val. (UTC), distortion power factor; L3
5746	uint	RD/WR	_DLN_MAX_T[3]	s	Time of max. val. (UTC), distortion power factor; L4
5748	uint	RD/WR	_KFACT_MAX_T[0]	s	Time of max. val. (UTC), K-Factor, L1
5750	uint	RD/WR	_KFACT_MAX_T[1]	s	Time of max. val. (UTC), K-Factor, L2
5752	uint	RD/WR	_KFACT_MAX_T[2]	s	Time of max. val. (UTC), K-Factor, L3
5754	uint	RD/WR	_KFACT_MAX_T[3]	s	Time of max. val. (UTC), K-Factor, L4
5756	uint	RD/WR	_S0_POWER_MAX_T[0]	s	Time of max. val. (UTC), Input 1, measured value
5758	uint	RD/WR	_S0_POWER_MAX_T[1]	s	Time of max. val. (UTC), Input 2, measured value
5760	uint	RD/WR	_TEMPERATUR_MAX_T	s	Time of max. val. (UTC), internal temperature

Maximum values of mean values (float type)

Address	Format	RD/WR	Designation	Unit	Note
5762	float	RD/WR	_ULN_AVG_MAX[0]	V	Max. values of mean val. U L1-N
5764	float	RD/WR	_ULN_AVG_MAX[1]	V	Max. values of mean val. U L2-N
5766	float	RD/WR	_ULN_AVG_MAX[2]	V	Max. values of mean val. U L3-N
5768	float	RD/WR	_ULN_AVG_MAX[3]	V	Max. values of mean val. U L4-N
5770	float	RD/WR	_ULL_AVG_MAX[0]	V	Max. values of mean val. U L1-L2
5772	float	RD/WR	_ULL_AVG_MAX[1]	V	Max. values of mean val. U L2-L3
5774	float	RD/WR	_ULL_AVG_MAX[2]	V	Max. values of mean val. U L3-L1
5776	float	RD/WR	_ULN_CF_AVG_MAX[0]		Max. values of mean val., crest factor, U L1-N
5778	float	RD/WR	_ULN_CF_AVG_MAX[1]		Max. values of mean val., crest factor, U L2-N
5780	float	RD/WR	_ULN_CF_AVG_MAX[2]		Max. values of mean val., crest factor, U L3-N
5782	float	RD/WR	_ULN_CF_AVG_MAX[3]		Max. values of mean val., crest factor, U L4-N
5784	float	RD/WR	_ULL_CF_AVG_MAX[0]		Max. values of mean val., crest factor, U L1-L2
5786	float	RD/WR	_ULL_CF_AVG_MAX[1]		Max. values of mean val., crest factor, U L2-L3
5788	float	RD/WR	_ULL_CF_AVG_MAX[2]		Max. values of mean val., crest factor, U L3-L1
5790	float	RD/WR	_UN_AVG_MAX	V	Max. values of mean val., zero sequence
5792	float	RD/WR	_UM_AVG_MAX	V	Max. values of mean val., positive sequence
5794	float	RD/WR	_UG_AVG_MAX	V	Max. values of mean val., negative sequence
5796	float	RD/WR	_URC_AVG_MAX[0]	V	Max. values of mean val., ripple control signal, U L1-N
5798	float	RD/WR	_URC_AVG_MAX[1]	V	Max. values of mean val., ripple control signal, U L2-N
5800	float	RD/WR	_URC_AVG_MAX[2]	V	Max. values of mean val., ripple control signal, U L3-N
5802	float	RD/WR	_URC_AVG_MAX[3]	V	Max. values of mean val., ripple control signal, U L4-N
5804	float	RD/WR	_THD_ULN_AVG_MAX[0]	%	Max. values of mean val., harmonics, THD, U L1-N
5806	float	RD/WR	_THD_ULN_AVG_MAX[1]	%	Max. values of mean val., harmonics, THD, U L2-N
5808	float	RD/WR	_THD_ULN_AVG_MAX[2]	%	Max. values of mean val., harmonics, THD, U L3-N
5810	float	RD/WR	_THD_ULN_AVG_MAX[3]	%	Max. values of mean val., harmonics, THD, U L4-N
5812	float	RD/WR	_THD_ZLN_AVG_MAX[0]	%	Max. values of mean val., interharmonics, ZHD, U, L1
5814	float	RD/WR	_THD_ZLN_AVG_MAX[1]	%	Max. values of mean val., interharmonics, ZHD, U, L2
5816	float	RD/WR	_THD_ZLN_AVG_MAX[2]	%	Max. values of mean val., interharmonics, ZHD, U, L3
5818	float	RD/WR	_THD_ZLN_AVG_MAX[3]	%	Max. values of mean val., interharmonics, ZHD, U, L4
5820	float	RD/WR	_ULN_OVER_AVG_MAX[0]	%	Max. values of mean val., over difference, U L1
5822	float	RD/WR	_ULN_OVER_AVG_MAX[1]	%	Max. values of mean val., over difference, U L2
5824	float	RD/WR	_ULN_OVER_AVG_MAX[2]	%	Max. values of mean val., over difference, U L3
5826	float	RD/WR	_ULN_OVER_AVG_MAX[3]	%	Max. values of mean val., over difference, U L4
5828	float	RD/WR	_ULN_UNDER_AVG_MAX[0]	%	Max. values of mean val., under difference, U L1
5830	float	RD/WR	_ULN_UNDER_AVG_MAX[1]	%	Max. values of mean val., under difference, U L2
5832	float	RD/WR	_ULN_UNDER_AVG_MAX[2]	%	Max. values of mean val., under difference, U L3
5834	float	RD/WR	_ULN_UNDER_AVG_MAX[3]	%	Max. values of mean val., under difference, U L4
5836	float	RD/WR	_ULN_NEG_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak value negative, U L1-N
5838	float	RD/WR	_ULN_NEG_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak value negative, U L2-N
5840	float	RD/WR	_ULN_NEG_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak value negative, U L3-N
5842	float	RD/WR	_ULN_NEG_PEAK_AVG_MAX[3]	V	Max. values of mean val., peak value negative, U L4-N
5844	float	RD/WR	_ULN_POS_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak value positive, U L1-N
5846	float	RD/WR	_ULN_POS_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak value positive, U L2-N
5848	float	RD/WR	_ULN_POS_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak value positive, U L3-N
5850	float	RD/WR	_ULN_POS_PEAK_AVG_MAX[3]	V	Max. values of mean val., peak value positive, U L4-N
5852	float	RD/WR	_ULN_PEAK_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak-peak value, U L1-N
5854	float	RD/WR	_ULN_PEAK_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak-peak value, U L2-N
5856	float	RD/WR	_ULN_PEAK_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak-peak value, U L3-N
5858	float	RD/WR	_ULN_PEAK_PEAK_AVG_MAX[3]	V	Max. values of mean val., peak-peak value, U L4-N
5860	float	RD/WR	_THD_ULL_AVG_MAX[0]	%	Max. values of mean val., harmonic, THD,U L1-L2
5862	float	RD/WR	_THD_ULL_AVG_MAX[1]	%	Max. values of mean val., harmonic, THD,U L2-L3
5864	float	RD/WR	_THD_ULL_AVG_MAX[2]	%	Max. values of mean val., harmonic, THD,U L3-L1
5866	float	RD/WR	_THD_ZLL_AVG_MAX[0]	%	Max. values of mean val., interharmonics, U L1-L2
5868	float	RD/WR	_THD_ZLL_AVG_MAX[1]	%	Max. values of mean val., interharmonics, U L2-L3
5870	float	RD/WR	_THD_ZLL_AVG_MAX[2]	%	Max. values of mean val., interharmonics, U L3-L1
5872	float	RD/WR	_ULL_OVER_AVG_MAX[0]	%	Max. values of mean val., over difference, U L1-L2
5874	float	RD/WR	_ULL_OVER_AVG_MAX[1]	%	Max. values of mean val., over difference, U L2-L3
5876	float	RD/WR	_ULL_OVER_AVG_MAX[2]	%	Max. values of mean val., over difference, U L3-L1
5878	float	RD/WR	_ULL_UNDER_AVG_MAX[0]	%	Max. values of mean val., under difference, U L1-L2
5880	float	RD/WR	_ULL_UNDER_AVG_MAX[1]	%	Max. values of mean val., under difference, U L2-L3
5882	float	RD/WR	_ULL_UNDER_AVG_MAX[2]	%	Max. values of mean val., under difference, U L3-L1
5884	float	RD/WR	_ULL_NEG_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak value negative, U L1-L2
5886	float	RD/WR	_ULL_NEG_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak value negative, U L2-L3

Address	Format	RD/WR	Designation	Unit	Note
5888	float	RD/WR	_ULL_NEG_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak value negative, U L2-L3
5890	float	RD/WR	_ULL_POS_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak value positive, U L1-L2
5892	float	RD/WR	_ULL_POS_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak value positive, U L2-L3
5894	float	RD/WR	_ULL_POS_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak value positive, U L3-L1
5896	float	RD/WR	_ULL_PEAK_PEAK_AVG_MAX[0]	V	Max. values of mean val., peak-peak value, U L1-L2
5898	float	RD/WR	_ULL_PEAK_PEAK_AVG_MAX[1]	V	Max. values of mean val., peak-peak value, U L2-L3
5900	float	RD/WR	_ULL_PEAK_PEAK_AVG_MAX[2]	V	Max. values of mean val., peak-peak value, U L3-L1
5902	float	RD/WR	_U_STERN_AVG_MAX	V	
5904	float	RD/WR	_U_SYM_AVG_MAX	%	Max. values of mean val., unsymmetrical voltage
5906	float	RD/WR	_FREQ_AVG_MAX	Hz	Max. values of mean val., measured frequency
5908	float	RD/WR	_NORM_FREQ_AVG_MAX	Hz	Max. values of mean val., nominal frequency
5910	float	RD/WR	_PLN_AVG_MAX[0]	W	Max. values of mean val., real power L1
5912	float	RD/WR	_PLN_AVG_MAX[1]	W	Max. values of mean val., real power L2
5914	float	RD/WR	_PLN_AVG_MAX[2]	W	Max. values of mean val., real power L3
5916	float	RD/WR	_PLN_AVG_MAX[3]	W	Max. values of mean val., real power L4
5918	float	RD/WR	_P_SUM_AVG_MAX	W	Max. values of mean val., sum P = P1 + P2 + P3 + P4
5920	float	RD/WR	_Q_SUM_AVG_MAX	var	Max. values of mean val., sum Q = Q1 + Q2 + Q3 + Q4
5922	float	RD/WR	_QLN_AVG_MAX[0]	var	Max. values of mean val., reactive power L1
5924	float	RD/WR	_QLN_AVG_MAX[1]	var	Max. values of mean val., reactive power L2
5926	float	RD/WR	_QLN_AVG_MAX[2]	var	Max. values of mean val., reactive power L3
5928	float	RD/WR	_QLN_AVG_MAX[3]	var	Max. values of mean val., reactive power L4
5930	float	RD/WR	_P_SUM3_AVG_MAX	W	Max. values of mean val., sum P = P1 + P2 + P3
5932	float	RD/WR	_Q_SUM3_AVG_MAX	var	Max. values of mean val., sum Q = Q1 + Q2 + Q3
5934	float	RD/WR	_ILN_AVG_MAX[0]	A	Max. values of mean val., apparent current, L1
5936	float	RD/WR	_ILN_AVG_MAX[1]	A	Max. values of mean val., apparent current, L2
5938	float	RD/WR	_ILN_AVG_MAX[2]	A	Max. values of mean val., apparent current, L3
5940	float	RD/WR	_ILN_AVG_MAX[3]	A	Max. values of mean val., apparent current, L4
5942	float	RD/WR	_SLN_AVG_MAX[0]	VA	Max. values of mean val., apparent power L1
5944	float	RD/WR	_SLN_AVG_MAX[1]	VA	Max. values of mean val., apparent power L2
5946	float	RD/WR	_SLN_AVG_MAX[2]	VA	Max. values of mean val., apparent power L3
5948	float	RD/WR	_SLN_AVG_MAX[3]	VA	Max. values of mean val., apparent power L4
5950	float	RD/WR	_I_SUM3_AVG_MAX	A	Max. values of mean val., vector sum; IN = I1 + I2 + I3
5952	float	RD/WR	_I_SUM_AVG_MAX	A	Max. values of mean val., vector sum; I1 + I2 + I3 + I4
5954	float	RD/WR	_S_SUM3_AVG_MAX	VA	Max. values of mean val., sum S = S1 + S2 + S3
5956	float	RD/WR	_S_SUM_AVG_MAX	VA	Max. values of mean val., sum S = S1 + S2 + S3 + S4
5958	float	RD/WR	_THD_IL_AVG_MAX[0]	%	Max. values of mean val., harmonic, THD, I L1
5960	float	RD/WR	_THD_IL_AVG_MAX[1]	%	Max. values of mean val., harmonic, THD, I L2
5962	float	RD/WR	_THD_IL_AVG_MAX[2]	%	Max. values of mean val., harmonic, THD, I L3
5964	float	RD/WR	_THD_IL_AVG_MAX[3]	%	Max. values of mean val., harmonic, THD, I L4
5966	float	RD/WR	_ZHD_IL_AVG_MAX[0]	%	Max. values of mean val., interharmonics, ZHD, I, L1
5968	float	RD/WR	_ZHD_IL_AVG_MAX[1]	%	Max. values of mean val., interharmonics, ZHD, I, L2
5970	float	RD/WR	_ZHD_IL_AVG_MAX[2]	%	Max. values of mean val., interharmonics, ZHD, I, L3
5972	float	RD/WR	_ZHD_IL_AVG_MAX[3]	%	Max. values of mean val., interharmonics, ZHD, I, L4
5974	float	RD/WR	_ILN_CF_AVG_MAX[0]		Max. values of mean val., crest factor, I L1
5976	float	RD/WR	_ILN_CF_AVG_MAX[1]		Max. values of mean val., crest factor, I L2
5978	float	RD/WR	_ILN_CF_AVG_MAX[2]		Max. values of mean val., crest factor, I L3
5980	float	RD/WR	_ILN_CF_AVG_MAX[3]		Max. values of mean val., crest factor, I L4
5982	float	RD/WR	_IN_AVG_MAX	A	Max. values of mean val., zero sequence, current
5984	float	RD/WR	_IM_AVG_MAX	A	Max. values of mean val., positive sequence, current
5986	float	RD/WR	_IG_AVG_MAX	A	Max. values of mean val., negative sequence, current
5988	float	RD/WR	_I_SYM_AVG_MAX	%	Max. values of mean val., unsymmetrical; current
5990	float	RD/WR	_ILN_OVER_AVG_MAX[0]	%	Max. values of mean val., over difference, I L1
5992	float	RD/WR	_ILN_OVER_AVG_MAX[1]	%	Max. values of mean val., over difference, I L2
5994	float	RD/WR	_ILN_OVER_AVG_MAX[2]	%	Max. values of mean val., over difference, I L3
5996	float	RD/WR	_ILN_OVER_AVG_MAX[3]	%	Max. values of mean val., over difference, I L4
5998	float	RD/WR	_ILN_UNDER_AVG_MAX[0]	%	Max. values of mean val., under difference, I L1
6000	float	RD/WR	_ILN_UNDER_AVG_MAX[1]	%	Max. values of mean val., under difference, I L2
6002	float	RD/WR	_ILN_UNDER_AVG_MAX[2]	%	Max. values of mean val., under difference, I L3
6004	float	RD/WR	_ILN_UNDER_AVG_MAX[3]	%	Max. values of mean val., under difference, I L4
6006	float	RD/WR	_ILN_NEG_PEAK_AVG_MAX[0]	A	Max. values of mean val., peak value negative, I L1
6008	float	RD/WR	_ILN_NEG_PEAK_AVG_MAX[1]	A	Max. values of mean val., peak value negative, I L2
6010	float	RD/WR	_ILN_NEG_PEAK_AVG_MAX[2]	A	Max. values of mean val., peak value negative, I L3
6012	float	RD/WR	_ILN_NEG_PEAK_AVG_MAX[3]	A	Max. values of mean val., peak value negative, I L4

Address	Format	RD/WR	Designation	Unit	Note
6014	float	RD/WR	_ILN_POS_PEAK_AVG_MAX[0]	A	Max. values of mean val., peak value positive, I L1
6016	float	RD/WR	_ILN_POS_PEAK_AVG_MAX[1]	A	Max. values of mean val., peak value positive, I L2
6018	float	RD/WR	_ILN_POS_PEAK_AVG_MAX[2]	A	Max. values of mean val., peak value positive, I L3
6020	float	RD/WR	_ILN_POS_PEAK_AVG_MAX[3]	A	Max. values of mean val., peak value positive, I L4
6022	float	RD/WR	_ILN_PEAK_PEAK_AVG_MAX[0]	A	Max. values of mean val., peak-peak value, I L1
6024	float	RD/WR	_ILN_PEAK_PEAK_AVG_MAX[1]	A	Max. values of mean val., peak-peak value, I L2
6026	float	RD/WR	_ILN_PEAK_PEAK_AVG_MAX[2]	A	Max. values of mean val., peak-peak value, I L3
6028	float	RD/WR	_ILN_PEAK_PEAK_AVG_MAX[3]	A	Max. values of mean val., peak-peak value, I L4
6030	float	RD/WR	_FLI_PF5_AVG_MAX[0]		Max. values of mean val., current flicker Pf5, L1-N
6032	float	RD/WR	_FLI_PF5_AVG_MAX[1]		Max. values of mean val., current flicker Pf5, L2-N
6034	float	RD/WR	_FLI_PF5_AVG_MAX[2]		Max. values of mean val., current flicker Pf5, L3-N
6036	float	RD/WR	_FLI_PF5_AVG_MAX[3]		Max. values of mean val., current flicker Pf5, L4-N
6038	float	RD/WR	_FLI_ST_AVG_MAX[0]		
6040	float	RD/WR	_FLI_ST_AVG_MAX[1]		
6042	float	RD/WR	_FLI_ST_AVG_MAX[2]		
6044	float	RD/WR	_FLI_ST_AVG_MAX[3]		
6046	float	RD/WR	_FLI_LT_AVG_MAX[0]		
6048	float	RD/WR	_FLI_LT_AVG_MAX[1]		
6050	float	RD/WR	_FLI_LT_AVG_MAX[2]		
6052	float	RD/WR	_FLI_LT_AVG_MAX[3]		
6054	float	RD/WR	_ILN_RC_AVG_MAX[0]	A	Max. values of mean val., ripple control signal, I L1
6056	float	RD/WR	_ILN_RC_AVG_MAX[1]	A	Max. values of mean val., ripple control signal, I L2
6058	float	RD/WR	_ILN_RC_AVG_MAX[2]	A	Max. values of mean val., ripple control signal, I L3
6060	float	RD/WR	_ILN_RC_AVG_MAX[3]	A	Max. values of mean val., ripple control signal, I L4
6062	float	RD/WR	_ULL_RC_AVG_MAX[0]	V	Max. values of mean val., ripple control signal, U L1-L2
6064	float	RD/WR	_ULL_RC_AVG_MAX[1]	V	Max. values of mean val., ripple control signal, U L2-L3
6066	float	RD/WR	_ULL_RC_AVG_MAX[2]	V	Max. values of mean val., ripple control signal, U L3-L1
6078	float	RD/WR	_PFLN_AVG_MAX[0]	%	Max. values of mean val., power factor; L1
6080	float	RD/WR	_PFLN_AVG_MAX[1]	%	Max. values of mean val., power factor; L2
6082	float	RD/WR	_PFLN_AVG_MAX[2]	%	Max. values of mean val., power factor; L3
6084	float	RD/WR	_PFLN_AVG_MAX[3]	%	Max. values of mean val., power factor; L4
6086	float	RD/WR	_DLN_AVG_MAX[0]	var	Max. values of mean val., distortion power factor; L1
6088	float	RD/WR	_DLN_AVG_MAX[1]	var	Max. values of mean val., distortion power factor; L2
6090	float	RD/WR	_DLN_AVG_MAX[2]	var	Max. values of mean val., distortion power factor; L3
6092	float	RD/WR	_DLN_AVG_MAX[3]	var	Max. values of mean val., distortion power factor; L4
6094	float	RD/WR	_KFACT_AVG_MAX[0]		Max. values of mean val., K-Factor, L1
6096	float	RD/WR	_KFACT_AVG_MAX[1]		Max. values of mean val., K-Factor, L2
6098	float	RD/WR	_KFACT_AVG_MAX[2]		Max. values of mean val., K-Factor, L3
6100	float	RD/WR	_KFACT_AVG_MAX[3]		Max. values of mean val., K-Factor, L4
6102	float	RD/WR	_S0_POWER_AVG_MAX[0]	W	Max. values of mean val., Input 1, measured value
6104	float	RD/WR	_S0_POWER_AVG_MAX[1]	W	Max. values of mean val., Input 1, measured value
6106	float	RD/WR	_TEMPERATUR_AVG_MAX	°C	Max. values of mean val., internal temperature

Maximum values of mean values, time stamp (uint type)

Address	Format	RD/WR	Designation	Unit	Note *(Time: UTC)*
6108	uint	RD/WR	_THD_ULN_AVG_MAX_T[0]	s	Time of max. val. of mean val., THD, U L1
6110	uint	RD/WR	_THD_ULN_AVG_MAX_T[1]	s	Time of max. val. of mean val., THD, U L2
6112	uint	RD/WR	_THD_ULN_AVG_MAX_T[2]	s	Time of max. val. of mean val., THD, U L3
6114	uint	RD/WR	_THD_ULN_AVG_MAX_T[3]	s	Time of max. val. of mean val., THD, U L4
6116	uint	RD/WR	_ULN_AVG_MAX_T[0]	s	Time of max. val. of mean val., U L1-N
6118	uint	RD/WR	_ULN_AVG_MAX_T[1]	s	Time of max. val. of mean val., U L2-N
6120	uint	RD/WR	_ULN_AVG_MAX_T[2]	s	Time of max. val. of mean val., U L3-N
6122	uint	RD/WR	_ULN_AVG_MAX_T[3]	s	Time of max. val. of mean val., U L4-N
6124	uint	RD/WR	_ULL_AVG_MAX_T[0]	s	Time of max. val. of mean val., U L1-L2
6126	uint	RD/WR	_ULL_AVG_MAX_T[1]	s	Time of max. val. of mean val., U L2-L3
6128	uint	RD/WR	_ULL_AVG_MAX_T[2]	s	Time of max. val. of mean val., U L3-L1
6130	uint	RD/WR	_ULN_CF_AVG_MAX_T[0]	s	Time of max. val. of mean val., crest factor, U L1-N
6132	uint	RD/WR	_ULN_CF_AVG_MAX_T[1]	s	Time of max. val. of mean val., crest factor, U L2-N
6134	uint	RD/WR	_ULN_CF_AVG_MAX_T[2]	s	Time of max. val. of mean val., crest factor, U L3-N
6136	uint	RD/WR	_ULN_CF_AVG_MAX_T[3]	s	Time of max. val. of mean val., crest factor, U L4-N
6138	uint	RD/WR	_ULL_CF_AVG_MAX_T[0]	s	Time of max. val. of mean val., crest factor, U L1-L2
6140	uint	RD/WR	_ULL_CF_AVG_MAX_T[1]	s	Time of max. val. of mean val., crest factor, U L2-L3
6142	uint	RD/WR	_ULL_CF_AVG_MAX_T[2]	s	Time of max. val. of mean val., crest factor, U L3-L1
6144	uint	RD/WR	_UN_AVG_MAX_T	s	Time of max. val. of mean val., zero sequence
6146	uint	RD/WR	_UM_AVG_MAX_T	s	Time of max. val. of mean val., positive sequence
6148	uint	RD/WR	_UG_AVG_MAX_T	s	Time of max. val. of mean val., negative sequence
6150	uint	RD/WR	_URC_AVG_MAX_T[0]	s	Time of max. val. of mean val., ripple control signal, U L1-N
6152	uint	RD/WR	_URC_AVG_MAX_T[1]	s	Time of max. val. of mean val., ripple control signal, U L2-N
6154	uint	RD/WR	_URC_AVG_MAX_T[2]	s	Time of max. val. of mean val., ripple control signal, U L3-N
6156	uint	RD/WR	_URC_AVG_MAX_T[3]	s	Time of max. val. of mean val., ripple control signal, U L4-N
6158	uint	RD/WR	_THD_ULN_AVG_MAX_T[0]	s	Time of max. val. of mean val., harmonics, THD, U L1-N
6160	uint	RD/WR	_THD_ULN_AVG_MAX_T[1]	s	Time of max. val. of mean val., harmonics THD, U L2-N
6162	uint	RD/WR	_THD_ULN_AVG_MAX_T[2]	s	Time of max. val. of mean val., harmonics THD, U L3-N
6164	uint	RD/WR	_THD_ULN_AVG_MAX_T[3]	s	Time of max. val. of mean val., harmonics THD, U L4-N
6166	uint	RD/WR	_THD_ZLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., interharmonics, ZHD, U, L1
6168	uint	RD/WR	_THD_ZLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., interharmonics, ZHD, U, L2
6170	uint	RD/WR	_THD_ZLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., interharmonics, ZHD, U, L3
6172	uint	RD/WR	_THD_ZLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., interharmonics, ZHD, U, L4
6174	uint	RD/WR	_ULN_OVER_AVG_MAX_T[0]	s	Time of max. val. of mean val., over difference, U L1
6176	uint	RD/WR	_ULN_OVER_AVG_MAX_T[1]	s	Time of max. val. of mean val., over difference, U L2
6178	uint	RD/WR	_ULN_OVER_AVG_MAX_T[2]	s	Time of max. val. of mean val., over difference, U L3
6180	uint	RD/WR	_ULN_OVER_AVG_MAX_T[3]	s	Time of max. val. of mean val., over difference, U L4
6182	uint	RD/WR	_ULN_UNDER_AVG_MAX_T[0]	s	Time of max. val. of mean val., under difference, U L1
6184	uint	RD/WR	_ULN_UNDER_AVG_MAX_T[1]	s	Time of max. val. of mean val., under difference, U L2
6186	uint	RD/WR	_ULN_UNDER_AVG_MAX_T[2]	s	Time of max. val. of mean val., under difference, U L3
6188	uint	RD/WR	_ULN_UNDER_AVG_MAX_T[3]	s	Time of max. val. of mean val., under difference, U L4
6190	uint	RD/WR	_ULN_NEG_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak val. negative, U L1
6192	uint	RD/WR	_ULN_NEG_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak val. negative, U L2
6194	uint	RD/WR	_ULN_NEG_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak val. negative, U L3
6196	uint	RD/WR	_ULN_NEG_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak val. negative, U L4
6198	uint	RD/WR	_ULN_POS_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak val. positive, U L1
6200	uint	RD/WR	_ULN_POS_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak val. positive, U L2
6202	uint	RD/WR	_ULN_POS_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak val. positive, U L3
6204	uint	RD/WR	_ULN_POS_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak val. positive, U L4
6206	uint	RD/WR	_ULN_PEAK_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak-peak value, U L1
6208	uint	RD/WR	_ULN_PEAK_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak-peak value, U L2
6210	uint	RD/WR	_ULN_PEAK_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak-peak value, U L3
6212	uint	RD/WR	_ULN_PEAK_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak-peak value, U L4
6214	uint	RD/WR	_THD_ULL_AVG_MAX_T[0]	s	Time of max. val. of mean val., THD, U L1-L2
6216	uint	RD/WR	_THD_ULL_AVG_MAX_T[1]	s	Time of max. val. of mean val., THD, U L2-L3
6218	uint	RD/WR	_THD_ULL_AVG_MAX_T[2]	s	Time of max. val. of mean val., THD, U L3-L1
6220	uint	RD/WR	_THD_ZLL_AVG_MAX_T[0]	s	Time of max. val. of mean val., ZHD, U L1-L2
6222	uint	RD/WR	_THD_ZLL_AVG_MAX_T[1]	s	Time of max. val. of mean val., ZHD, U L2-L3
6224	uint	RD/WR	_THD_ZLL_AVG_MAX_T[2]	s	Time of max. val. of mean val., ZHD, U L3-L1
6226	uint	RD/WR	_ULL_OVER_AVG_MAX_T[0]	s	Time of max. val. of mean val., over difference, U L1-L2
6228	uint	RD/WR	_ULL_OVER_AVG_MAX_T[1]	s	Time of max. val. of mean val., over difference, U L2-L3
6230	uint	RD/WR	_ULL_OVER_AVG_MAX_T[2]	s	Time of max. val. of mean val., over difference, U L3-L1
6232	uint	RD/WR	_ULL_UNDER_AVG_MAX_T[0]	s	Time of max. val. of mean val., under difference, U L1-L2

Address	Format	RD/WR	Designation	Unit	Note
6234	uint	RD/WR	_ULL_UNDER_AVG_MAX_T[1]	s	Time of max. val. of mean val., under difference, U L2-L3
6236	uint	RD/WR	_ULL_UNDER_AVG_MAX_T[2]	s	Time of max. val. of mean val., under difference, U L3-L1
6238	uint	RD/WR	_ULL_NEG_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak value neg. U L1-L2
6240	uint	RD/WR	_ULL_NEG_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak value neg., U L2-L3
6242	uint	RD/WR	_ULL_NEG_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak value neg, U L3-L1
6244	uint	RD/WR	_ULL_POS_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak value pos., U L1-L2
6246	uint	RD/WR	_ULL_POS_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak value pos., U L2-L3
6248	uint	RD/WR	_ULL_POS_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak value pos., U L3-L1
6250	uint	RD/WR	_ULL_PEAK_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak-peak value, U L1-L2
6252	uint	RD/WR	_ULL_PEAK_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak-peak value, U L2-L3
6254	uint	RD/WR	_ULL_PEAK_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak-peak value, U L3-L1
6256	uint	RD/WR	_U_STERN_AVG_MAX_T	s	
6258	uint	RD/WR	_U_SYM_AVG_MAX_T	s	Time of max. val. of mean val., unsymmetrical voltage
6260	uint	RD/WR	_FREQ_AVG_MAX_T	s	Time of max. val. of mean val., measured frequency
6262	uint	RD/WR	_NORM_FREQ_AVG_MAX_T	s	Time of max. val. of mean val., nominal frequency
6264	uint	RD/WR	_PLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., real power L1
6266	uint	RD/WR	_PLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., real power L2
6268	uint	RD/WR	_PLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., real power L3
6270	uint	RD/WR	_PLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., real power L4
6272	uint	RD/WR	_P_SUM_AVG_MAX_T	s	Time of max. val. of mean val., sum P = P1+P2+P3+P4
6274	uint	RD/WR	_Q_SUM_AVG_MAX_T	s	Time of max. val. of mean val., sum Q = Q1+Q2+Q3+Q4
6276	uint	RD/WR	_QLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., reactive power L1
6278	uint	RD/WR	_QLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., reactive power L2
6280	uint	RD/WR	_QLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., reactive power L3
6282	uint	RD/WR	_QLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., reactive power L4
6284	uint	RD/WR	_P_SUM3_AVG_MAX_T	s	Time of max. val. of mean val., sum P = P1+P2+P3
6286	uint	RD/WR	_Q_SUM3_AVG_MAX_T	s	Time of max. val. of mean val., sum Q = Q1+Q2+Q3+Q4
6288	uint	RD/WR	_ILN_AVG_MAX_T[0]	s	Time of max. val. of mean val., apparent current, L1
6290	uint	RD/WR	_ILN_AVG_MAX_T[1]	s	Time of max. val. of mean val., apparent current, L2
6292	uint	RD/WR	_ILN_AVG_MAX_T[2]	s	Time of max. val. of mean val., apparent current, L3
6294	uint	RD/WR	_ILN_AVG_MAX_T[3]	s	Time of max. val. of mean val., apparent current, L4
6296	uint	RD/WR	_SLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., apparent power L1
6298	uint	RD/WR	_SLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., apparent power L2
6300	uint	RD/WR	_SLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., apparent power L3
6302	uint	RD/WR	_SLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., apparent power L4
6304	uint	RD/WR	_I_SUM3_AVG_MAX_T	s	Time of max. val. of mean val., vector sum; IN = I1+I2+I3
6306	uint	RD/WR	_I_SUM_AVG_MAX_T	s	Time of max. val. of mean val., vector sum; I1+I2+I3+I4
6308	uint	RD/WR	_S_SUM3_AVG_MAX_T	s	Time of max. val. of mean val., sum S = S1+S2+S3
6310	uint	RD/WR	_S_SUM_AVG_MAX_T	s	Time of max. val. of mean val., sum S = S1+S2+S3+S4
6312	uint	RD/WR	_THD_IL_AVG_MAX_T[0]	s	Time of max. val. of mean val., harmonic, THD, I L1
6314	uint	RD/WR	_THD_IL_AVG_MAX_T[1]	s	Time of max. val. of mean val., harmonic, THD, I L2
6316	uint	RD/WR	_THD_IL_AVG_MAX_T[2]	s	Time of max. val. of mean val., harmonic, THD, I L3
6318	uint	RD/WR	_THD_IL_AVG_MAX_T[3]	s	Time of max. val. of mean val., harmonic, THD, I L4
6320	uint	RD/WR	_ZHD_IL_AVG_MAX_T[0]	s	Time of max. val. of mean val., interharmonic, ZHD, I L1
6322	uint	RD/WR	_ZHD_IL_AVG_MAX_T[1]	s	Time of max. val. of mean val., interharmonic, ZHD, I L2
6324	uint	RD/WR	_ZHD_IL_AVG_MAX_T[2]	s	Time of max. val. of mean val., interharmonic, ZHD, I L3
6326	uint	RD/WR	_ZHD_IL_AVG_MAX_T[3]	s	Time of max. val. of mean val., interharmonic, ZHD, I L4
6328	uint	RD/WR	_ILN_CF_AVG_MAX_T[0]	s	Time of max. val. of mean val., crest factor, I L1
6330	uint	RD/WR	_ILN_CF_AVG_MAX_T[1]	s	Time of max. val. of mean val., crest factor, I L2
6332	uint	RD/WR	_ILN_CF_AVG_MAX_T[2]	s	Time of max. val. of mean val., crest factor, I L3
6334	uint	RD/WR	_ILN_CF_AVG_MAX_T[3]	s	Time of max. val. of mean val., crest factor, I L4
6336	uint	RD/WR	_IN_AVG_MAX_T	s	Time of max. val. of mean val., zero sequence, current
6338	uint	RD/WR	_IM_AVG_MAX_T	s	Time of max. val. of mean val., positive sequence, current
6340	uint	RD/WR	_IG_AVG_MAX_T	s	Time of max. val. of mean val., negative sequence, current
6342	uint	RD/WR	_I_SYM_AVG_MAX_T	s	Time of max. val. of mean val., unsymmetrical; current
6344	uint	RD/WR	_ILN_OVER_AVG_MAX_T[0]	s	Time of max. val. of mean val., over difference, I L1
6346	uint	RD/WR	_ILN_OVER_AVG_MAX_T[1]	s	Time of max. val. of mean val., over difference, I L2
6348	uint	RD/WR	_ILN_OVER_AVG_MAX_T[2]	s	Time of max. val. of mean val., over difference, I L3
6350	uint	RD/WR	_ILN_OVER_AVG_MAX_T[3]	s	Time of max. val. of mean val., over difference, I L4
6352	uint	RD/WR	_ILN_UNDER_AVG_MAX_T[0]	s	Time of max. val. of mean val., under difference, I L1
6354	uint	RD/WR	_ILN_UNDER_AVG_MAX_T[1]	s	Time of max. val. of mean val., under difference, I L2
6356	uint	RD/WR	_ILN_UNDER_AVG_MAX_T[2]	s	Time of max. val. of mean val., under difference, I L3
6358	uint	RD/WR	_ILN_UNDER_AVG_MAX_T[3]	s	Time of max. val. of mean val., under difference, I L4

Address	Format	RD/WR	Designation	Unit	Note
6360	uint	RD/WR	_ILN_NEG_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak value neg., I L1
6362	uint	RD/WR	_ILN_NEG_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak value neg., I L2
6364	uint	RD/WR	_ILN_NEG_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak value neg., I L3
6366	uint	RD/WR	_ILN_NEG_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak value neg., I L4
6368	uint	RD/WR	_ILN_POS_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak value pos., I L1
6370	uint	RD/WR	_ILN_POS_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak value pos., I L2
6372	uint	RD/WR	_ILN_POS_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak value pos., I L3
6374	uint	RD/WR	_ILN_POS_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak value pos., I L4
6376	uint	RD/WR	_ILN_PEAK_PEAK_AVG_MAX_T[0]	s	Time of max. val. of mean val., peak-peak value, I L1
6378	uint	RD/WR	_ILN_PEAK_PEAK_AVG_MAX_T[1]	s	Time of max. val. of mean val., peak-peak value, I L2
6380	uint	RD/WR	_ILN_PEAK_PEAK_AVG_MAX_T[2]	s	Time of max. val. of mean val., peak-peak value, I L3
6382	uint	RD/WR	_ILN_PEAK_PEAK_AVG_MAX_T[3]	s	Time of max. val. of mean val., peak-peak value, I L4
6384	uint	RD/WR	_FLI_PF5_AVG_MAX_T[0]	s	Time of max. val. of mean val., current flicker Pf5, L1-N
6386	uint	RD/WR	_FLI_PF5_AVG_MAX_T[1]	s	Time of max. val. of mean val., current flicker Pf5, L2-N
6388	uint	RD/WR	_FLI_PF5_AVG_MAX_T[2]	s	Time of max. val. of mean val., current flicker Pf5, L3-N
6390	uint	RD/WR	_FLI_PF5_AVG_MAX_T[3]	s	Time of max. val. of mean val., current flicker Pf5, L4-N
6392	uint	RD/WR	_FLI_ST_AVG_MAX_T[0]	s	
6394	uint	RD/WR	_FLI_ST_AVG_MAX_T[1]	s	
6396	uint	RD/WR	_FLI_ST_AVG_MAX_T[2]	s	
6398	uint	RD/WR	_FLI_ST_AVG_MAX_T[3]	s	
6400	uint	RD/WR	_FLI_LT_AVG_MAX_T[0]	s	
6402	uint	RD/WR	_FLI_LT_AVG_MAX_T[1]	s	
6404	uint	RD/WR	_FLI_LT_AVG_MAX_T[2]	s	
6406	uint	RD/WR	_FLI_LT_AVG_MAX_T[3]	s	
6408	uint	RD/WR	_ILN_RC_AVG_MAX_T[0]	s	Time of max. val. of mean val., ripple control signal, I L1
6410	uint	RD/WR	_ILN_RC_AVG_MAX_T[1]	s	Time of max. val. of mean val., ripple control signal, I L2
6412	uint	RD/WR	_ILN_RC_AVG_MAX_T[2]	s	Time of max. val. of mean val., ripple control signal, I L3
6414	uint	RD/WR	_ILN_RC_AVG_MAX_T[3]	s	Time of max. val. of mean val., ripple control signal, I L4
6416	uint	RD/WR	_ULL_RC_AVG_MAX_T[0]	s	Time of max. val. of mean val., ripple control signal, U L1-L2
6418	uint	RD/WR	_ULL_RC_AVG_MAX_T[1]	s	Time of max. val. of mean val., ripple control signal, U L2-L3
6420	uint	RD/WR	_ULL_RC_AVG_MAX_T[2]	s	Time of max. val. of mean val., ripple control signal, U L3-L1
6432	uint	RD/WR	_PFLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., power factor; L1
6434	uint	RD/WR	_PFLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., power factor; L2
6436	uint	RD/WR	_PFLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., power factor; L3
6438	uint	RD/WR	_PFLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., power factor; L4
6440	uint	RD/WR	_DLN_AVG_MAX_T[0]	s	Time of max. val. of mean val., distortion power factor; L1
6442	uint	RD/WR	_DLN_AVG_MAX_T[1]	s	Time of max. val. of mean val., distortion power factor; L2
6444	uint	RD/WR	_DLN_AVG_MAX_T[2]	s	Time of max. val. of mean val., distortion power factor; L3
6446	uint	RD/WR	_DLN_AVG_MAX_T[3]	s	Time of max. val. of mean val., distortion power factor; L4
6448	uint	RD/WR	_KFACT_AVG_MAX_T[0]	s	Time of max. val. of mean val., K-Factor, L1
6450	uint	RD/WR	_KFACT_AVG_MAX_T[1]	s	Time of max. val. of mean val., K-Factor, L2
6452	uint	RD/WR	_KFACT_AVG_MAX_T[2]	s	Time of max. val. of mean val., K-Factor, L3
6454	uint	RD/WR	_KFACT_AVG_MAX_T[3]	s	Time of max. val. of mean val., K-Factor, L4
6456	uint	RD/WR	_S0_POWER_AVG_MAX_T[0]	s	Time of max. val. of mean val., Input 1, measured value
6458	uint	RD/WR	_S0_POWER_AVG_MAX_T[1]	s	Time of max. val. of mean val., Input 1, measured value
6460	uint	RD/WR	_TEMPERATUR_AVG_MAX_T	s	Time of max. val. of mean val., Input 1, internal temperature

Address	Format	RD/WR	Designation	Unit	Note

Energy

Address	Format	RD/WR	Designation	Unit	Note
6462	short	RD/WR	_W_TARIF		Current rate, real/apparent energy
6463	short	RD/WR	_Q_TARIF		Current rate, reactive energy
6464	float	RD/WR	_WH_S[0]	VAh	Apparent energy L1
6466	float	RD/WR	_WH_S[1]	VAh	Apparent energy L2
6468	float	RD/WR	_WH_S[2]	VAh	Apparent energy L3
6470	float	RD/WR	_WH_S[3]	VAh	Apparent energy L4
6472	float	RD/WR	_WH_S[4]	VAh	Apparent energy L1..L3
6474	float	RD/WR	_WH_S[5]	VAh	Apparent energy L1..L4
6476	float	RD/WR	_WH[0]	Wh	Real energy L1
6478	float	RD/WR	_WH[1]	Wh	Real energy L2
6480	float	RD/WR	_WH[2]	Wh	Real energy L3
6482	float	RD/WR	_WH[3]	Wh	Real energy L4
6484	float	RD/WR	_WH[4]	Wh	Real energy L1..L3
6486	float	RD/WR	_WH[5]	Wh	Real energy L1..L4
6488	float	RD/WR	_QH[0]	varh	Reaktive energy L1
6490	float	RD/WR	_QH[1]	varh	Reaktive energy L2
6492	float	RD/WR	_QH[2]	varh	Reaktive energy L3
6494	float	RD/WR	_QH[3]	varh	Reaktive energy L4
6496	float	RD/WR	_QH[4]	varh	Reaktive energy L1..L3
6498	float	RD/WR	_QH[5]	varh	Reaktive energy L1..L4
6500	float	RD/WR	_WH_V[0]	Wh	Real energy L1, consumed
6502	float	RD/WR	_WH_V[1]	Wh	Real energy L2, consumed
6504	float	RD/WR	_WH_V[2]	Wh	Real energy L3, consumed
6506	float	RD/WR	_WH_V[3]	Wh	Real energy L4, consumed
6508	float	RD/WR	_WH_V[4]	Wh	Real energy L1..L3, consumed
6510	float	RD/WR	_WH_V[5]	Wh	Real energy L1..L4, consumed
6512	float	RD/WR	_WH_Z[0]	Wh	Real energy L1, delivered
6514	float	RD/WR	_WH_Z[1]	Wh	Real energy L2, delivered
6516	float	RD/WR	_WH_Z[2]	Wh	Real energy L3, delivered
6518	float	RD/WR	_WH_Z[3]	Wh	Real energy L4, delivered
6520	float	RD/WR	_WH_Z[4]	Wh	Real energy L1..L3, delivered
6522	float	RD/WR	_WH_Z[5]	Wh	Real energy L1..L4, delivered
6524	float	RD/WR	_WH_V_HT[0]	Wh	Real energy L1, consumed, rate 1
6526	float	RD/WR	_WH_V_HT[1]	Wh	Real energy L2, consumed, rate 1
6528	float	RD/WR	_WH_V_HT[2]	Wh	Real energy L3, consumed, rate 1
6530	float	RD/WR	_WH_V_HT[3]	Wh	Real energy L4, consumed, rate 1
6532	float	RD/WR	_WH_V_HT[4]	Wh	Real energy L1..L3, consumed, rate 1
6534	float	RD/WR	_WH_V_HT[5]	Wh	Real energy L1..L4, consumed, rate 1
6536	float	RD/WR	_WH_V_NT[0]	Wh	Real energy L1, consumed, rate 2
6538	float	RD/WR	_WH_V_NT[1]	Wh	Real energy L3, consumed, rate 2
6540	float	RD/WR	_WH_V_NT[2]	Wh	Real energy L3, consumed, rate 2
6542	float	RD/WR	_WH_V_NT[3]	Wh	Real energy L4, consumed, rate 2
6544	float	RD/WR	_WH_V_NT[4]	Wh	Real energy L1..L3, consumed, rate 2
6546	float	RD/WR	_WH_V_NT[5]	Wh	Real energy L1..L4, consumed, rate 2
6548	float	RD/WR	_WH_Z_HT[0]	Wh	Real energy L1, delivered, rate 1
6550	float	RD/WR	_WH_Z_HT[1]	Wh	Real energy L2, delivered, rate 1
6552	float	RD/WR	_WH_Z_HT[2]	Wh	Real energy L3, delivered, rate 1
6554	float	RD/WR	_WH_Z_HT[3]	Wh	Real energy L4, delivered, rate 1
6556	float	RD/WR	_WH_Z_HT[4]	Wh	Real energy L1..L3, delivered, rate 1
6558	float	RD/WR	_WH_Z_HT[5]	Wh	Real energy L1..L4, delivered, rate 1
6560	float	RD/WR	_WH_Z_NT[0]	Wh	Real energy L1, delivered, rate 2
6562	float	RD/WR	_WH_Z_NT[1]	Wh	Real energy L2, delivered, rate 2
6564	float	RD/WR	_WH_Z_NT[2]	Wh	Real energy L3, delivered, rate 2
6566	float	RD/WR	_WH_Z_NT[3]	Wh	Real energy L4, delivered, rate 2

Address	Format	RD/WR	Designation	Unit	Note
6568	float	RD/WR	_WH_Z_NT[4]	Wh	Real energy L1..L3, delivered, rate 2
6570	float	RD/WR	_WH_Z_NT[5]	Wh	Real energy L1..L4, delivered, rate 2
6572	float	RD/WR	_IQH[0]	varh	Reactive energy L1, inductive
6574	float	RD/WR	_IQH[1]	varh	Reactive energy L2, inductive
6576	float	RD/WR	_IQH[2]	varh	Reactive energy L3, inductive
6578	float	RD/WR	_IQH[3]	varh	Reactive energy L4, inductive
6580	float	RD/WR	_IQH[4]	varh	Reactive energy L1..L3, inductive
6582	float	RD/WR	_IQH[5]	varh	Reactive energy L1..L4, inductive
6584	float	RD/WR	_CQH[0]	varh	Reactive energy L1, capacitive
6586	float	RD/WR	_CQH[1]	varh	Reactive energy L2, capacitive
6588	float	RD/WR	_CQH[2]	varh	Reactive energy L3, capacitive
6590	float	RD/WR	_CQH[3]	varh	Reactive energy L4, capacitive
6592	float	RD/WR	_CQH[4]	varh	Reactive energy L1..L3, capacitive
6594	float	RD/WR	_CQH[5]	varh	Reactive energy L1..L4, capacitive
6596	float	RD/WR	_IQH_HT[0]	varh	Reactive energy L1, inductive, rate 1
6598	float	RD/WR	_IQH_HT[1]	varh	Reactive energy L2, inductive, rate 1
6600	float	RD/WR	_IQH_HT[2]	varh	Reactive energy L3, inductive, rate 1
6602	float	RD/WR	_IQH_HT[3]	varh	Reactive energy L4, inductive, rate 1
6604	float	RD/WR	_IQH_HT[4]	varh	Reactive energy L1..L3, inductive, rate 1
6606	float	RD/WR	_IQH_HT[5]	varh	Reactive energy L1..L4, inductive, rate 1
6608	float	RD/WR	_IQH_NT[0]	varh	Reactive energy L1, inductive, rate 2
6610	float	RD/WR	_IQH_NT[1]	varh	Reactive energy L2, inductive, rate 2
6612	float	RD/WR	_IQH_NT[2]	varh	Reactive energy L3, inductive, rate 2
6614	float	RD/WR	_IQH_NT[3]	varh	Reactive energy L4, inductive, rate 2
6616	float	RD/WR	_IQH_NT[4]	varh	Reactive energy L1..L3, inductive, rate 2
6618	float	RD/WR	_IQH_NT[5]	varh	Reactive energy L1..L4, inductive, rate 2
6620	float	RD/WR	_S0_CNT[0]		Energy meter (counter, not scaled), impulse input 1
6622	float	RD/WR	_S0_CNT[1]		Energy meter (counter, not scaled), impulse input 2
6624	float	RD/WR	_TIME_WH	s	Runtime of real and apparent energy meas.
6626	float	RD/WR	_TIME_QH	s	Runtime of real and reactive energy meas.
6654	short	RD/WR	_DEL_WH		1=delete all real energy counters
6655	short	RD/WR	_DEL_QH		1=delete all reactive energy counters
11760	float	RD/WR	_WH_V_T3[0]	Wh	Real energy L1, consumed, rate 3
11762	float	RD/WR	_WH_V_T3[1]	Wh	Real energy L2, consumed, rate 3
11764	float	RD/WR	_WH_V_T3[2]	Wh	Real energy L3, consumed, rate 3
11766	float	RD/WR	_WH_V_T3[3]	Wh	Real energy L4, consumed, rate 3
11768	float	RD/WR	_WH_V_T3[4]	Wh	Real energy L1..L3, consumed, rate 3
11770	float	RD/WR	_WH_V_T3[5]	Wh	Real energy L1..L4, consumed, rate 3
11772	float	RD/WR	_WH_V_T4[0]	Wh	Real energy L1, consumed, rate 4
11774	float	RD/WR	_WH_V_T4[1]	Wh	Real energy L2, consumed, rate 4
11776	float	RD/WR	_WH_V_T4[2]	Wh	Real energy L3, consumed, rate 4
11778	float	RD/WR	_WH_V_T4[3]	Wh	Real energy L4, consumed, rate 4
11780	float	RD/WR	_WH_V_T4[4]	Wh	Real energy L1..L3, consumed, rate 4
11782	float	RD/WR	_WH_V_T4[5]	Wh	Real energy L1..L4, consumed, rate 4
11784	float	RD/WR	_WH_Z_T3[0]	Wh	Real energy L1, delivered, rate 3
11786	float	RD/WR	_WH_Z_T3[1]	Wh	Real energy L2, delivered, rate 3
11788	float	RD/WR	_WH_Z_T3[2]	Wh	Real energy L3, delivered, rate 3
11790	float	RD/WR	_WH_Z_T3[3]	Wh	Real energy L4, delivered, rate 3
11792	float	RD/WR	_WH_Z_T3[4]	Wh	Real energy L1..L3, delivered, rate 3
11794	float	RD/WR	_WH_Z_T3[5]	Wh	Real energy L1..L4, delivered, rate 3
11796	float	RD/WR	_WH_Z_T4[0]	Wh	Real energy L1, delivered, rate 4
11798	float	RD/WR	_WH_Z_T4[1]	Wh	Real energy L2, delivered, rate 4
11800	float	RD/WR	_WH_Z_T4[2]	Wh	Real energy L3, delivered, rate 4
11802	float	RD/WR	_WH_Z_T4[3]	Wh	Real energy L4, delivered, rate 4
11804	float	RD/WR	_WH_Z_T4[4]	Wh	Real energy L1..L3, delivered, rate 4
11806	float	RD/WR	_WH_Z_T4[5]	Wh	Real energy L1..L4, delivered, rate 4

Address	Format	RD/WR	Designation	Unit	Note
11808	float	RD/WR	_IQH_T3[0]	varh	Reactive energy L1, inductive, rate 3
11810	float	RD/WR	_IQH_T3[1]	varh	Reactive energy L2, inductive, rate 3
11812	float	RD/WR	_IQH_T3[2]	varh	Reactive energy L3, inductive, rate 3
11814	float	RD/WR	_IQH_T3[3]	varh	Reactive energy L4, inductive, rate 3
11816	float	RD/WR	_IQH_T3[4]	varh	Reactive energy L1..L3, inductive, rate 3
11818	float	RD/WR	_IQH_T3[5]	varh	Reactive energy L1..L4, inductive, rate 3
11820	float	RD/WR	_IQH_T4[0]	varh	Reactive energy L1, inductive, rate 4
11822	float	RD/WR	_IQH_T4[1]	varh	Reactive energy L2, inductive, rate 4
11824	float	RD/WR	_IQH_T4[2]	varh	Reactive energy L3, inductive, rate 4
11826	float	RD/WR	_IQH_T4[3]	varh	Reactive energy L4, inductive, rate 4
11828	float	RD/WR	_IQH_T4[4]	varh	Reactive energy L1..L3, inductive, rate 4
11830	float	RD/WR	_IQH_T4[5]	varh	Reactive energy L1..L4, inductive, rate 4
12042	float	RD	_S0_POWER[0]	W	Input 1, measured value
12044	float	RD	_S0_POWER[1]	W	Input 2, measured value
12046	float	RD/WR	_VWH_MONTH[0]	Wh	Real energy, month high, january, even year
12048	float	RD/WR	_VWH_MONTH[1]	Wh	Real energy, month high, february, even year
12050	float	RD/WR	_VWH_MONTH[2]	Wh	Real energy, month high, march, even year
12052	float	RD/WR	_VWH_MONTH[3]	Wh	Real energy, month high, april, even year
12054	float	RD/WR	_VWH_MONTH[4]	Wh	Real energy, month high, may, even year
12056	float	RD/WR	_VWH_MONTH[5]	Wh	Real energy, month high, june, even year
12058	float	RD/WR	_VWH_MONTH[6]	Wh	Real energy, month high, july, even year
12060	float	RD/WR	_VWH_MONTH[7]	Wh	Real energy, month high, august, even year
12062	float	RD/WR	_VWH_MONTH[8]	Wh	Real energy, month high, september, even year
12064	float	RD/WR	_VWH_MONTH[9]	Wh	Real energy, month high, october, even year
12066	float	RD/WR	_VWH_MONTH[10]	Wh	Real energy, month high, november, even year
12068	float	RD/WR	_VWH_MONTH[11]	Wh	Real energy, month high, december, even year
12070	float	RD/WR	_VWH_MONTH[12]	Wh	Real energy, month high, january, uneven year
12072	float	RD/WR	_VWH_MONTH[13]	Wh	Real energy, month high, february, uneven year
12074	float	RD/WR	_VWH_MONTH[14]	Wh	Real energy, month high, march, uneven year
12076	float	RD/WR	_VWH_MONTH[15]	Wh	Real energy, month high, april, uneven year
12078	float	RD/WR	_VWH_MONTH[16]	Wh	Real energy, month high, may, uneven year
12080	float	RD/WR	_VWH_MONTH[17]	Wh	Real energy, month high, june, uneven year
12082	float	RD/WR	_VWH_MONTH[18]	Wh	Real energy, month high, july, uneven year
12084	float	RD/WR	_VWH_MONTH[19]	Wh	Real energy, month high, august, uneven year
12086	float	RD/WR	_VWH_MONTH[20]	Wh	Real energy, month high, september, uneven year
12088	float	RD/WR	_VWH_MONTH[21]	Wh	Real energy, month high, october, uneven year
12090	float	RD/WR	_VWH_MONTH[22]	Wh	Real energy, month high, november, uneven year
12092	float	RD/WR	_VWH_MONTH[23]	Wh	Real energy, month high, december, uneven year
12094	float	RD/WR	_SH_MONTH[0]	VAh	Apparent energy, month high, january, even year
12096	float	RD/WR	_SH_MONTH[1]	VAh	Apparent energy, month high, february, even year
12098	float	RD/WR	_SH_MONTH[2]	VAh	Apparent energy, month high, march, even year
12100	float	RD/WR	_SH_MONTH[3]	VAh	Apparent energy, month high, april, even year
12102	float	RD/WR	_SH_MONTH[4]	VAh	Apparent energy, month high, may, even year
12104	float	RD/WR	_SH_MONTH[5]	VAh	Apparent energy, month high, june, even year
12106	float	RD/WR	_SH_MONTH[6]	VAh	Apparent energy, month high, july, even year
12108	float	RD/WR	_SH_MONTH[7]	VAh	Apparent energy, month high, august, even year
12110	float	RD/WR	_SH_MONTH[8]	VAh	Apparent energy, month high, september, even year
12112	float	RD/WR	_SH_MONTH[9]	VAh	Apparent energy, month high, october, even year
12114	float	RD/WR	_SH_MONTH[10]	VAh	Apparent energy, month high, november, even year
12116	float	RD/WR	_SH_MONTH[11]	VAh	Apparent energy, month high, december, even year
12118	float	RD/WR	_SH_MONTH[12]	VAh	Apparent energy, month high, january, uneven year
12120	float	RD/WR	_SH_MONTH[13]	VAh	Apparent energy, month high, february, uneven year
12122	float	RD/WR	_SH_MONTH[14]	VAh	Apparent energy, month high, march, uneven year
12124	float	RD/WR	_SH_MONTH[15]	VAh	Apparent energy, month high, april, uneven year
12126	float	RD/WR	_SH_MONTH[16]	VAh	Apparent energy, month high, may, uneven year
12128	float	RD/WR	_SH_MONTH[17]	VAh	Apparent energy, month high, june, uneven year
12130	float	RD/WR	_SH_MONTH[18]	VAh	Apparent energy, month high, july, uneven year
12132	float	RD/WR	_SH_MONTH[19]	VAh	Apparent energy, month high, august, uneven year
12134	float	RD/WR	_SH_MONTH[20]	VAh	Apparent energy, month high, september, uneven year
12136	float	RD/WR	_SH_MONTH[21]	VAh	Apparent energy, month high, october, uneven year

Address	Format	RD/WR	Designation	Unit	Note
12138	float	RD/WR	_SH_MONTH[22]	VAh	Apparent energy, month high, november, uneven year
12140	float	RD/WR	_SH_MONTH[23]	VAh	Apparent energy, month high, december, uneven year
12142	float	RD/WR	_IQH_MONTH[0]	Varh	Reactive energy, month high, january, even year
12144	float	RD/WR	_IQH_MONTH[1]	Varh	Reactive energy, month high, february, even year
12146	float	RD/WR	_IQH_MONTH[2]	Varh	Reactive energy, month high, march, even year
12148	float	RD/WR	_IQH_MONTH[3]	Varh	Reactive energy, month high, april, even year
12150	float	RD/WR	_IQH_MONTH[4]	Varh	Reactive energy, month high, may, even year
12152	float	RD/WR	_IQH_MONTH[5]	Varh	Reactive energy, month high, june, even year
12154	float	RD/WR	_IQH_MONTH[6]	Varh	Reactive energy, month high, july, even year
12156	float	RD/WR	_IQH_MONTH[7]	Varh	Reactive energy, month high, august, even year
12158	float	RD/WR	_IQH_MONTH[8]	Varh	Reactive energy, month high, september, even year
12160	float	RD/WR	_IQH_MONTH[9]	Varh	Reactive energy, month high, october, even year
12162	float	RD/WR	_IQH_MONTH[10]	Varh	Reactive energy, month high, november, even year
12164	float	RD/WR	_IQH_MONTH[11]	Varh	Reactive energy, month high, december, even year
12166	float	RD/WR	_IQH_MONTH[12]	Varh	Reactive energy, month high, january, uneven year
12168	float	RD/WR	_IQH_MONTH[13]	Varh	Reactive energy, month high, february, uneven year
12170	float	RD/WR	_IQH_MONTH[14]	Varh	Reactive energy, month high, march, uneven year
12172	float	RD/WR	_IQH_MONTH[15]	Varh	Reactive energy, month high, april, uneven year
12174	float	RD/WR	_IQH_MONTH[16]	Varh	Reactive energy, month high, may, uneven year
12176	float	RD/WR	_IQH_MONTH[17]	Varh	Reactive energy, month high, june, uneven year
12178	float	RD/WR	_IQH_MONTH[18]	Varh	Reactive energy, month high, july, uneven year
12180	float	RD/WR	_IQH_MONTH[19]	Varh	Reactive energy, month high, august, uneven year
12182	float	RD/WR	_IQH_MONTH[20]	Varh	Reactive energy, month high, september, uneven year
12184	float	RD/WR	_IQH_MONTH[21]	Varh	Reactive energy, month high, october, uneven year
12186	float	RD/WR	_IQH_MONTH[22]	Varh	Reactive energy, month high, november, uneven year
12188	float	RD/WR	_IQH_MONTH[23]	Varh	Reactive energy, month high, december, uneven year
12190	float	RD/WR	_P15_MONTH[0]	W	EMAX, 15minutes month 1st high, jan., even year
12192	float	RD/WR	_P15_MONTH[1]	W	EMAX, 15minutes month 1st high, feb., even year
12194	float	RD/WR	_P15_MONTH[2]	W	EMAX, 15minutes month 1st high, march, even year
12196	float	RD/WR	_P15_MONTH[3]	W	EMAX, 15minutes month 1st high, april, even year
12198	float	RD/WR	_P15_MONTH[4]	W	EMAX, 15minutes month 1st high, may, even year
12200	float	RD/WR	_P15_MONTH[5]	W	EMAX, 15minutes month 1st high, june, even year
12202	float	RD/WR	_P15_MONTH[6]	W	EMAX, 15minutes month 1st high, july, even year
12204	float	RD/WR	_P15_MONTH[7]	W	EMAX, 15minutes month 1st high, aug., even year
12206	float	RD/WR	_P15_MONTH[8]	W	EMAX, 15minutes month 1st high, sep., even year
12208	float	RD/WR	_P15_MONTH[9]	W	EMAX, 15minutes month 1st high, oct., even year
12210	float	RD/WR	_P15_MONTH[10]	W	EMAX, 15minutes month 1st high, nov., even year
12212	float	RD/WR	_P15_MONTH[11]	W	EMAX, 15minutes month 1st high, dec., even year
12214	float	RD/WR	_P15_MONTH[12]	W	EMAX, 15minutes month 1st high, jan., uneven year
12216	float	RD/WR	_P15_MONTH[13]	W	EMAX, 15minutes month 1st high, feb., uneven year
12218	float	RD/WR	_P15_MONTH[14]	W	EMAX, 15minutes month 1st high, march, uneven year
12220	float	RD/WR	_P15_MONTH[15]	W	EMAX, 15minutes month 1st high, april, uneven year
12222	float	RD/WR	_P15_MONTH[16]	W	EMAX, 15minutes month 1st high, may, uneven year
12224	float	RD/WR	_P15_MONTH[17]	W	EMAX, 15minutes month 1st high, june., uneven year
12226	float	RD/WR	_P15_MONTH[18]	W	EMAX, 15minutes month 1st high, july, uneven year
12228	float	RD/WR	_P15_MONTH[19]	W	EMAX, 15minutes month 1st high, aug., uneven year
12230	float	RD/WR	_P15_MONTH[20]	W	EMAX, 15minutes month 1st high, sep., uneven year
12232	float	RD/WR	_P15_MONTH[21]	W	EMAX, 15minutes month 1st high, oct., uneven year
12234	float	RD/WR	_P15_MONTH[22]	W	EMAX, 15minutes month 1st high, nov., uneven year
12236	float	RD/WR	_P15_MONTH[23]	W	EMAX, 15minutes month 1st high, dec., uneven year
12238	float	RD/WR	_P15_MONTH[24]	W	EMAX, 15minutes month 2nd high, jan., even year
12240	float	RD/WR	_P15_MONTH[25]	W	EMAX, 15minutes month 2nd high, feb., even year
12242	float	RD/WR	_P15_MONTH[26]	W	EMAX, 15minutes month 2nd high, march, even year
12244	float	RD/WR	_P15_MONTH[27]	W	EMAX, 15minutes month 2nd high, april, even year
12246	float	RD/WR	_P15_MONTH[28]	W	EMAX, 15minutes month 2nd high, may, even year
12248	float	RD/WR	_P15_MONTH[29]	W	EMAX, 15minutes month 2nd high, june, even year
12250	float	RD/WR	_P15_MONTH[30]	W	EMAX, 15minutes month 2nd high, july, even year
12252	float	RD/WR	_P15_MONTH[31]	W	EMAX, 15minutes month 2nd high, aug., even year
12254	float	RD/WR	_P15_MONTH[32]	W	EMAX, 15minutes month 2nd high, sep., even year
12256	float	RD/WR	_P15_MONTH[33]	W	EMAX, 15minutes month 2nd high, oct., even year
12258	float	RD/WR	_P15_MONTH[34]	W	EMAX, 15minutes month 2nd high, nov., even year

Address	Format	RD/WR	Designation	Unit	Note
12260	float	RD/WR	_P15_MONTH[35]	W	EMAX, 15minutes month 2nd high, dec., even year
12262	float	RD/WR	_P15_MONTH[36]	W	EMAX, 15minutes month 2nd high, jan., uneven year
12264	float	RD/WR	_P15_MONTH[37]	W	EMAX, 15minutes month 2nd high, feb., uneven year
12266	float	RD/WR	_P15_MONTH[38]	W	EMAX, 15minutes month 2nd high, march, uneven year
12268	float	RD/WR	_P15_MONTH[39]	W	EMAX, 15minutes month 2nd high, april., uneven year
12270	float	RD/WR	_P15_MONTH[40]	W	EMAX, 15minutes month 2nd high, may, uneven year
12272	float	RD/WR	_P15_MONTH[41]	W	EMAX, 15minutes month 2nd high, june., uneven year
12274	float	RD/WR	_P15_MONTH[42]	W	EMAX, 15minutes month 2nd high, july, uneven year
12276	float	RD/WR	_P15_MONTH[43]	W	EMAX, 15minutes month 2nd high, aug., uneven year
12278	float	RD/WR	_P15_MONTH[44]	W	EMAX, 15minutes month 2nd high, sep., uneven year
12280	float	RD/WR	_P15_MONTH[45]	W	EMAX, 15minutes month 2nd high, oct., uneven year
12282	float	RD/WR	_P15_MONTH[46]	W	EMAX, 15minutes month 2nd high, nov., uneven year
12284	float	RD/WR	_P15_MONTH[47]	W	EMAX, 15minutes month 2nd high, dec., uneven year
12286	float	RD/WR	_P15_MONTH[48]	W	EMAX, 15minutes month 3rd high, jan., even year
12288	float	RD/WR	_P15_MONTH[49]	W	EMAX, 15minutes month 3rd high, feb., even year
12290	float	RD/WR	_P15_MONTH[50]	W	EMAX, 15minutes month 3rd high, march., even year
12292	float	RD/WR	_P15_MONTH[51]	W	EMAX, 15minutes month 3rd high, april, even year
12294	float	RD/WR	_P15_MONTH[52]	W	EMAX, 15minutes month 3rd high, may., even year
12296	float	RD/WR	_P15_MONTH[53]	W	EMAX, 15minutes month 3rd high, june, even year
12298	float	RD/WR	_P15_MONTH[54]	W	EMAX, 15minutes month 3rd high, july, even year
12300	float	RD/WR	_P15_MONTH[55]	W	EMAX, 15minutes month 3rd high, aug., even year
12302	float	RD/WR	_P15_MONTH[56]	W	EMAX, 15minutes month 3rd high, sep., even year
12304	float	RD/WR	_P15_MONTH[57]	W	EMAX, 15minutes month 3rd high, oct., even year
12306	float	RD/WR	_P15_MONTH[58]	W	EMAX, 15minutes month 3rd high, nov., even year
12308	float	RD/WR	_P15_MONTH[59]	W	EMAX, 15minutes month 3rd high, dec., even year
12310	float	RD/WR	_P15_MONTH[60]	W	EMAX, 15minutes month 3rd high, jan., uneven year
12312	float	RD/WR	_P15_MONTH[61]	W	EMAX, 15minutes month 3rd high, feb., uneven year
12314	float	RD/WR	_P15_MONTH[62]	W	EMAX, 15minutes month 3rd high, march, uneven year
12316	float	RD/WR	_P15_MONTH[63]	W	EMAX, 15minutes month 3rd high, april, uneven year
12318	float	RD/WR	_P15_MONTH[64]	W	EMAX, 15minutes month 3rd high, may, uneven year
12320	float	RD/WR	_P15_MONTH[65]	W	EMAX, 15minutes month 3rd high, june, uneven year
12322	float	RD/WR	_P15_MONTH[66]	W	EMAX, 15minutes month 3rd high, july, uneven year
12324	float	RD/WR	_P15_MONTH[67]	W	EMAX, 15minutes month 3rd high, aug., uneven year
12326	float	RD/WR	_P15_MONTH[68]	W	EMAX, 15minutes month 3rd high, sep., uneven year
12328	float	RD/WR	_P15_MONTH[69]	W	EMAX, 15minutes month 3rd high, oct., uneven year
12330	float	RD/WR	_P15_MONTH[70]	W	EMAX, 15minutes month 3rd high, nov., uneven year
12332	float	RD/WR	_P15_MONTH[71]	W	EMAX, 15minutes month 3rd high, dec., uneven year
12334	uint	RD/WR	_P15_T_MONTH[0]	s	Time of 15min. month 1st high (UTC), jan., even year
12336	uint	RD/WR	_P15_T_MONTH[1]	s	Time of 15min. month 1st high (UTC), feb., even year
12338	uint	RD/WR	_P15_T_MONTH[2]	s	Time of 15min. month 1st high (UTC), march, even year
12340	uint	RD/WR	_P15_T_MONTH[3]	s	Time of 15min. month 1st high (UTC), april, even year
12342	uint	RD/WR	_P15_T_MONTH[4]	s	Time of 15min. month 1st high (UTC), may, even year
12344	uint	RD/WR	_P15_T_MONTH[5]	s	Time of 15min. month 1st high (UTC), june, even year
12346	uint	RD/WR	_P15_T_MONTH[6]	s	Time of 15min. month 1st high (UTC), july, even year
12348	uint	RD/WR	_P15_T_MONTH[7]	s	Time of 15min. month 1st high (UTC), aug., even year
12350	uint	RD/WR	_P15_T_MONTH[8]	s	Time of 15min. month 1st high (UTC), sep., even year
12352	uint	RD/WR	_P15_T_MONTH[9]	s	Time of 15min. month 1st high (UTC), oct., even year
12354	uint	RD/WR	_P15_T_MONTH[10]	s	Time of 15min. month 1st high (UTC), nov., even year
12356	uint	RD/WR	_P15_T_MONTH[11]	s	Time of 15min. month 1st high (UTC), dec., even year
12358	uint	RD/WR	_P15_T_MONTH[12]	s	Time of 15min. month 1st high (UTC), jan., uneven year
12360	uint	RD/WR	_P15_T_MONTH[13]	s	Time of 15min. month 1st high (UTC), feb., uneven year
12362	uint	RD/WR	_P15_T_MONTH[14]	s	Time of 15min. month 1st high (UTC), march, uneven year
12364	uint	RD/WR	_P15_T_MONTH[15]	s	Time of 15min. month 1st high (UTC), april, uneven year
12366	uint	RD/WR	_P15_T_MONTH[16]	s	Time of 15min. month 1st high (UTC), may, uneven year
12368	uint	RD/WR	_P15_T_MONTH[17]	s	Time of 15min. month 1st high (UTC), june, uneven year
12370	uint	RD/WR	_P15_T_MONTH[18]	s	Time of 15min. month 1st high (UTC), july, uneven year
12372	uint	RD/WR	_P15_T_MONTH[19]	s	Time of 15min. month 1st high (UTC), aug., uneven year
12374	uint	RD/WR	_P15_T_MONTH[20]	s	Time of 15min. month 1st high (UTC), sep., uneven year
12376	uint	RD/WR	_P15_T_MONTH[21]	s	Time of 15min. month 1st high (UTC), oct., uneven year
12378	uint	RD/WR	_P15_T_MONTH[22]	s	Time of 15min. month 1st high (UTC), nov., uneven year
12380	uint	RD/WR	_P15_T_MONTH[23]	s	Time of 15min. month 1st high (UTC), dec., uneven year
12382	uint	RD/WR	_P15_T_MONTH[24]	s	Time of 15min. month 2nd high (UTC), jan., even year

Address	Format	RD/WR	Designation	Unit	Note
12384	uint	RD/WR	_P15_T_MONTH[25]	s	Time of 15min. month 2nd high (UTC), feb., even year
12386	uint	RD/WR	_P15_T_MONTH[26]	s	Time of 15min. month 2nd high (UTC), march, even year
12388	uint	RD/WR	_P15_T_MONTH[27]	s	Time of 15min. month 2nd high (UTC), april, even year
12390	uint	RD/WR	_P15_T_MONTH[28]	s	Time of 15min. month 2nd high (UTC), may, even year
12392	uint	RD/WR	_P15_T_MONTH[29]	s	Time of 15min. month 2nd high (UTC), june, even year
12394	uint	RD/WR	_P15_T_MONTH[30]	s	Time of 15min. month 2nd high (UTC), july, even year
12396	uint	RD/WR	_P15_T_MONTH[31]	s	Time of 15min. month 2nd high (UTC), aug., even year
12398	uint	RD/WR	_P15_T_MONTH[32]	s	Time of 15min. month 2nd high (UTC), sep., even year
12400	uint	RD/WR	_P15_T_MONTH[33]	s	Time of 15min. month 2nd high (UTC), oct., even year
12402	uint	RD/WR	_P15_T_MONTH[34]	s	Time of 15min. month 2nd high (UTC), nov., even year
12404	uint	RD/WR	_P15_T_MONTH[35]	s	Time of 15min. month 2nd high (UTC), dec., even year
12406	uint	RD/WR	_P15_T_MONTH[36]	s	Time of 15min. month 2nd high (UTC), jan., uneven year
12408	uint	RD/WR	_P15_T_MONTH[37]	s	Time of 15min. month 2nd high (UTC), feb., uneven year
12410	uint	RD/WR	_P15_T_MONTH[38]	s	Time of 15min. month 2nd high (UTC), march, uneven year
12412	uint	RD/WR	_P15_T_MONTH[39]	s	Time of 15min. month 2nd high (UTC), april, uneven year
12414	uint	RD/WR	_P15_T_MONTH[40]	s	Time of 15min. month 2nd high (UTC), may, uneven year
12416	uint	RD/WR	_P15_T_MONTH[41]	s	Time of 15min. month 2nd high (UTC), june, uneven year
12418	uint	RD/WR	_P15_T_MONTH[42]	s	Time of 15min. month 2nd high (UTC), july, uneven year
12420	uint	RD/WR	_P15_T_MONTH[43]	s	Time of 15min. month 2nd high (UTC), aug., uneven year
12422	uint	RD/WR	_P15_T_MONTH[44]	s	Time of 15min. month 2nd high (UTC), sep., uneven year
12424	uint	RD/WR	_P15_T_MONTH[45]	s	Time of 15min. month 2nd high (UTC), oct., uneven year
12426	uint	RD/WR	_P15_T_MONTH[46]	s	Time of 15min. month 2nd high (UTC), nov., uneven year
12428	uint	RD/WR	_P15_T_MONTH[47]	s	Time of 15min. month 2nd high (UTC), dec., uneven year
12430	uint	RD/WR	_P15_T_MONTH[48]	s	Time of 15min. month 3nd high (UTC), jan., even year
12432	uint	RD/WR	_P15_T_MONTH[49]	s	Time of 15min. month 3nd high (UTC), feb., even year
12434	uint	RD/WR	_P15_T_MONTH[50]	s	Time of 15min. month 3nd high (UTC), march, even year
12436	uint	RD/WR	_P15_T_MONTH[51]	s	Time of 15min. month 3nd high (UTC), april, even year
12438	uint	RD/WR	_P15_T_MONTH[52]	s	Time of 15min. month 3nd high (UTC), may, even year
12440	uint	RD/WR	_P15_T_MONTH[53]	s	Time of 15min. month 3nd high (UTC), june, even year
12442	uint	RD/WR	_P15_T_MONTH[54]	s	Time of 15min. month 3nd high (UTC), july, even year
12444	uint	RD/WR	_P15_T_MONTH[55]	s	Time of 15min. month 3nd high (UTC), aug., even year
12446	uint	RD/WR	_P15_T_MONTH[56]	s	Time of 15min. month 3nd high (UTC), sep., even year
12448	uint	RD/WR	_P15_T_MONTH[57]	s	Time of 15min. month 3nd high (UTC), oct., even year
12450	uint	RD/WR	_P15_T_MONTH[58]	s	Time of 15min. month 3nd high (UTC), nov., even year
12452	uint	RD/WR	_P15_T_MONTH[59]	s	Time of 15min. month 3nd high (UTC), dec., even year
12454	uint	RD/WR	_P15_T_MONTH[60]	s	Time of 15min. month 3nd high (UTC), jan., uneven year
12456	uint	RD/WR	_P15_T_MONTH[61]	s	Time of 15min. month 3nd high (UTC), feb., uneven year
12458	uint	RD/WR	_P15_T_MONTH[62]	s	Time of 15min. month 3nd high (UTC), march, uneven year
12460	uint	RD/WR	_P15_T_MONTH[63]	s	Time of 15min. month 3nd high (UTC), april, uneven year
12462	uint	RD/WR	_P15_T_MONTH[64]	s	Time of 15min. month 3nd high (UTC), may, uneven year
12464	uint	RD/WR	_P15_T_MONTH[65]	s	Time of 15min. month 3nd high (UTC), june, uneven year
12466	uint	RD/WR	_P15_T_MONTH[66]	s	Time of 15min. month 3nd high (UTC), july, uneven year
12468	uint	RD/WR	_P15_T_MONTH[67]	s	Time of 15min. month 3nd high (UTC), aug., uneven year
12470	uint	RD/WR	_P15_T_MONTH[68]	s	Time of 15min. month 3nd high (UTC), sep., uneven year
12472	uint	RD/WR	_P15_T_MONTH[69]	s	Time of 15min. month 3nd high (UTC), oct., uneven year
12474	uint	RD/WR	_P15_T_MONTH[70]	s	Time of 15min. month 3nd high (UTC), nov., uneven year
12476	uint	RD/WR	_P15_T_MONTH[71]	s	Time of 15min. month 3nd high (UTC), dec., uneven year
12478	short	RD/WR	_MONTHLY_YEAR[0]		Year, real energy, bar graph, jan., even year
12479	short	RD/WR	_MONTHLY_YEAR[1]		Year, real energy, bar graph, feb., even year
12480	short	RD/WR	_MONTHLY_YEAR[2]		Year, real energy, bar graph, march, even year
12481	short	RD/WR	_MONTHLY_YEAR[3]		Year, real energy, bar graph, april, even year
12482	short	RD/WR	_MONTHLY_YEAR[4]		Year, real energy, bar graph, may, even year
12483	short	RD/WR	_MONTHLY_YEAR[5]		Year, real energy, bar graph, june, even year
12484	short	RD/WR	_MONTHLY_YEAR[6]		Year, real energy, bar graph, july, even year
12485	short	RD/WR	_MONTHLY_YEAR[7]		Year, real energy, bar graph, aug., even year
12486	short	RD/WR	_MONTHLY_YEAR[8]		Year, real energy, bar graph, sep., even year
12487	short	RD/WR	_MONTHLY_YEAR[9]		Year, real energy, bar graph, oct., even year
12488	short	RD/WR	_MONTHLY_YEAR[10]		Year, real energy, bar graph, nov., even year
12489	short	RD/WR	_MONTHLY_YEAR[11]		Year, real energy, bar graph, dec., even year
12490	short	RD/WR	_MONTHLY_YEAR[12]		Year, real energy, bar graph, jan., uneven year
12491	short	RD/WR	_MONTHLY_YEAR[13]		Year, real energy, bar graph, feb., uneven year
12492	short	RD/WR	_MONTHLY_YEAR[14]		Year, real energy, bar graph, march, uneven year

Address	Format	RD/WR	Designation	Unit	Note
12493	short	RD/WR	_MONTHLY_YEAR[15]		Year, real energy, bar graph, april, uneven year
12494	short	RD/WR	_MONTHLY_YEAR[16]		Year, real energy, bar graph, may, uneven year
12495	short	RD/WR	_MONTHLY_YEAR[17]		Year, real energy, bar graph, june, uneven year
12496	short	RD/WR	_MONTHLY_YEAR[18]		Year, real energy, bar graph, july, uneven year
12497	short	RD/WR	_MONTHLY_YEAR[19]		Year, real energy, bar graph, aug., uneven year
12498	short	RD/WR	_MONTHLY_YEAR[20]		Year, real energy, bar graph, sep., uneven year
12499	short	RD/WR	_MONTHLY_YEAR[21]		Year, real energy, bar graph, oct., uneven year
12500	short	RD/WR	_MONTHLY_YEAR[22]		Year, real energy, bar graph, nov., uneven year
12501	short	RD/WR	_MONTHLY_YEAR[23]		Year, real energy, bar graph, dec., uneven year
13943	dfloat	RD/WR	_IVQH[0]	varh	Reactive energy L1 (inductive), consumed
13945	dfloat	RD/WR	_IVQH[1]	varh	Reactive energy L2 (inductive), consumed
13947	dfloat	RD/WR	_IVQH[2]	varh	Reactive energy L3 (inductive), consumed
13949	dfloat	RD/WR	_IVQH[3]	varh	Reactive energy L4 (inductive), consumed
13951	dfloat	RD/WR	_IVQH[4]	varh	Reactive energy L1..L3 (inductive), consumed
13953	dfloat	RD/WR	_IVQH[5]	varh	Reactive energy L1..L4 (inductive), consumed
13955	dfloat	RD/WR	_IZQH[0]	varh	Reactive energy L1 (inductive), delivered
13957	dfloat	RD/WR	_IZQH[1]	varh	Reactive energy L2 (inductive), delivered
13959	dfloat	RD/WR	_IZQH[2]	varh	Reactive energy L3 (inductive), delivered
13961	dfloat	RD/WR	_IZQH[3]	varh	Reactive energy L4 (inductive), delivered
13963	dfloat	RD/WR	_IZQH[4]	varh	Reactive energy L1..L3 (inductive), delivered
13965	dfloat	RD/WR	_IZQH[5]	varh	Reactive energy L1..L4 (inductive), delivered
13967	dfloat	RD/WR	_CVQH[0]	varh	Reactive energy L1 (capacitive), consumed
13969	dfloat	RD/WR	_CVQH[1]	varh	Reactive energy L2 (capacitive), consumed
13971	dfloat	RD/WR	_CVQH[2]	varh	Reactive energy L3 (capacitive), consumed
13973	dfloat	RD/WR	_CVQH[3]	varh	Reactive energy L4 (capacitive), consumed
13975	dfloat	RD/WR	_CVQH[4]	varh	Reactive energy L1..L3 (capacitive), consumed
13977	dfloat	RD/WR	_CVQH[5]	varh	Reactive energy L1..L4 (capacitive), consumed
13979	dfloat	RD/WR	_CZQH[0]	varh	Reactive energy L1 (capacitive), delivered
13981	dfloat	RD/WR	_CZQH[1]	varh	Reactive energy L2 (capacitive), delivered
13983	dfloat	RD/WR	_CZQH[2]	varh	Reactive energy L3 (capacitive), delivered
13985	dfloat	RD/WR	_CZQH[3]	varh	Reactive energy L4 (capacitive), delivered
13987	dfloat	RD/WR	_CZQH[4]	varh	Reactive energy L1..L3 (capacitive), delivered
13989	dfloat	RD/WR	_CZQH[5]	varh	Reactive energy L1..L4 (capacitive), delivered

Address	Format	RD/WR	Designation	Unit	Note

Other values

Address	Format	RD/WR	Designation	Unit	Note
6628	float	RD	_SPU012	V	Star connection voltage
6630	short	RD/WR	_DIGOUT_STAT[0]		Status digital output 1, 0=not active, 1=active
6631	short	RD/WR	_DIGOUT_STAT[1]		Status digital output 2, 0=not active, 1=active
6632	short	RD	_DIGIN_STAT[0]		Status digital input 1, 0=not active, 1=active
6633	short	RD	_DIGIN_STAT[1]		Status digital input 2, 0=not active, 1=active
6634	uint	RD/WR	_EVT_COUNT		Event counter
6636	uint	RD/WR	_FLAG_COUNT		Flag counter
6638	uint	RD/WR	_TRANS_COUNT		Error counter, transients
6640	uint	RD/WR	_HWW_COUNT		Error counter, half-cycle effektive val.
6642	uint	RD/WR	_RX232_COUNT		Error counter, receive RS232
6644	uint	RD/WR	_TX232_COUNT		Error counter, send RS232
6646	uint	RD/WR	_ERR232_COUNT		Error counter, RS232
6648	uint	RD/WR	_RX485_COUNT		Error counter, receive RS485
6650	uint	RD/WR	_TX485_COUNT		Error counter, send RS485
6652	uint	RD/WR	_ERR485_COUNT		Error counter, RS485
6656	float	RD/WR	_INIT_MAX		Only for internal use
6657	string	RD/WR	_RUN	64	Only for internal use
6689	float	RD/WR	_CTPRIM[0]	A	L1, L2, L3; Current transformer, primary
6691	float	RD/WR	_CTPRIM[1]	A	L4; Current transformer, primary
6693	float	RD/WR	_CTSEC[0]	A	L1, L2, L3; Current transf., secondary
6695	float	RD/WR	_CTSEC[1]	A	L4; Current transformer, secondary
6697	float	RD/WR	_VTPRIM[0]	V	L1, L2, L3; Voltage transformer, primary
6699	float	RD/WR	_VTPRIM[1]	V	L4; Voltage transformer, primary
6701	float	RD/WR	_VTSEC[0]	V	L1, L2, L3; Voltage transformer, secondary
6703	float	RD/WR	_VTSEC[1]	V	L4; Voltage transformer, secondary
6705	float	RD/WR	_IRATED[0]	A	Nominal current transf.; I L1, I L2, I L3
6707	float	RD/WR	_IRATED[1]	A	Nominal current transformer; I L4
6709	float	RD/WR	_NOMINAL_U[0]	V	Nominal voltage; L1, L2, L3
6711	float	RD/WR	_NOMINAL_U[1]	V	Nominal voltage; L4
6713	float	RD/WR	_NOMINAL_I[0]	A	Nominal current; L1, L2, L3
6715	float	RD/WR	_NOMINAL_I[1]	A	Nominal current; L4
6717	float	RD/WR	_TRNS_DELTA[0]	%	Only for internal use
6719	float	RD/WR	_TRNS_DELTA[1]	%	Only for internal use
6721	float	RD/WR	_TRNS_I_ABS[0]	%	Only for internal use
6723	float	RD/WR	_TRNS_I_ABS[1]	%	Only for internal use
6725	float	RD/WR	_TRNS_U_ABS[0]	%	Only for internal use
6727	float	RD/WR	_TRNS_U_ABS[1]	%	Only for internal use
6729	float	RD/WR	_I_EVT_MAX[0]	%	Only for internal use
6731	float	RD/WR	_I_EVT_MAX[1]	%	Only for internal use
6733	float	RD/WR	_U_EVT_MAX[0]	%	Only for internal use
6735	float	RD/WR	_U_EVT_MAX[1]	%	Only for internal use
6737	float	RD/WR	_U_EVT_MIN[0]	%	Only for internal use
6739	float	RD/WR	_U_EVT_MIN[1]	%	Only for internal use
6741	float	RD/WR	_U_EVT_OFF[0]	%	Only for internal use
6743	float	RD/WR	_U_EVT_OFF[1]	%	Only for internal use
6745	float	RD/WR	_NOMINAL_F	Hz	Nominal frequency 50Hz or 60Hz
6747	short	RD/WR	_FLICKER_SYSTEM		Only for internal use
6750	string	RD/WR	_DEV_NAME	64	Only for internal use
6782	string	RD/WR	_DEV_DESC	128	Only for internal use
6846	string	RD/WR	_LANGUAGE	16	Only for internal use
6854	int	RD/WR	_DISP_LANGUAGE		Only for internal use
6856	uint	RD	_SERNR		Only for internal use
6858	uint	RD	_PRODNR		Only for internal use
6860	int	RD/WR	_MBUSADDR		Only for internal use
6862	int	RD/WR	_MODE485		Only for internal use
6864	int	RD/WR	_BAUD485		Only for internal use
6866	uint	RD	_IP_ADDR		Network address
6868	uint	RD	_IP_MASK		Network mask
6870	uint	RD	_IP_GATE		Gateway
6872	int	RD/WR	_DHCPMODE		Bootp = 1; off = 0; DHCP = 2

Address	Format	RD/WR	Designation	Unit	Note
6874	int	RD/WR	_BRIGHTNESS		Brightness display
6876	short	RD/WR	_STBY_TIME		Standby time
6877	short	RD/WR	_STBY_CONTRAST		Standby contrast
6878	short	RD/WR	_SCREENSASVE		Screensaver, 1=on, 0=off
6879	short	RD/WR	_DISP_SPEED		Display change time
6880	short	RD/WR	_DISP_ROT		0= Autom. display change on
6881	short	RD/WR	_ROT_TIME		Rotation time display
6882	int	RD/WR	_KEY1		Status button 1
6884	int	RD/WR	_KEY2		Status button 2
6886	int	RD/WR	_KEY3		Status button 3
6888	int	RD/WR	_KEY4		Status button 4
6890	int	RD/WR	_KEY5		Status button 5
6892	int	RD/WR	_KEY6		Status button 6
6894	uint	RD/WR	_DEBUG_IP		Only for internal use
6896	int	RD/WR	_TIME_ZONE	s	Time zone
6898	int	RD/WR	_STIME	s	Only for internal use
6900	short	RD/WR	_SDAY		Start day of summer/winter switchover (spring)
6901	short	RD/WR	_SHOUR	h	Start hour of summer/winter switchover
6902	short	RD/WR	_SMON		Start month of summer/winter switchover
6903	short	RD/WR	_SMIN	min	Start minute of summer/winter switchover
6904	short	RD/WR	_SDOW		Summer/winter switchover (spring)
6905	short	RD/WR	_EDAY		Start day of summer/winter switchover (autumn)
6906	short	RD/WR	_EHOUR	h	Start hour of summer/winter switchover
6907	short	RD/WR	_EMON		Start month of summer/winter switchover
6908	short	RD/WR	_EMIN	min	Start minute of summer/winter switchover
6909	short	RD/WR	_EDOW		Summer/winter switchover (autumn)
6910	int	RD/WR	_WAVE_START_PRE		Only for internal use
6912	int	RD/WR	_WAVE_START_POST		Only for internal use
6916	int	RD/WR	_EVT_VAL_PRE		Only for internal use
6918	int	RD/WR	_EVT_VAL_POST		Only for internal use
6920	int	RD/WR	_TRNS_MODE		Only for internal use
6922	int	RD/WR	_CON_AUX_MODE		Only for internal use
6924	int	RD/WR	_CON_MODE		Only for internal use
6926	int	RD/WR	_PHASE_MODE		Only for internal use
6928	short	RD/WR	_COLOR[0]		Only for internal use
6929	short	RD/WR	_COLOR[1]		Only for internal use
6930	short	RD/WR	_COLOR[2]		Only for internal use
6931	short	RD/WR	_COLOR[3]		Only for internal use
6932	short	RD/WR	_COLOR[4]		Only for internal use
6933	short	RD/WR	_COLOR[5]		Only for internal use
6934	short	RD/WR	_COLOR[6]		Only for internal use
6935	short	RD/WR	_COLOR[7]		Only for internal use
6936	string	RD/WR	_MMENU	32	Only for internal use
6952	string	RD/WR	_LANG	32	Only for internal use
6968	string	RD/WR	_COMM	32	Only for internal use
6984	string	RD/WR	_MMEAS	32	Only for internal use
7000	string	RD/WR	_AMEAS	32	Only for internal use
7016	string	RD/WR	_RECOS	32	Only for internal use
7032	string	RD/WR	_SYST	32	Only for internal use
7048	string	RD/WR	_DISPM	32	Only for internal use
7064	string	RD/WR	_COLORM	32	Only for internal use
7080	string	RD/WR	_FB_BAUD	32	Only for internal use
7096	string	RD/WR	_TCPIP	32	Only for internal use
7112	string	RD/WR	_COMMENU	32	Only for internal use
7128	string	RD/WR	_DHCP	32	Only for internal use
7144	string	RD/WR	_IPNO	32	Only for internal use
7160	string	RD/WR	_NETMASK	32	Only for internal use
7176	string	RD/WR	_GATEWAY	32	Only for internal use
7192	string	RD/WR	_FIELDBUS	32	Only for internal use
7208	string	RD/WR	_COMPORT	32	Only for internal use
7224	string	RD/WR	_PROTOCOL	32	Only for internal use
7240	string	RD/WR	_FBPROT_0	32	Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
7256	string	RD/WR	_FBPROT_1	32	Only for internal use
7272	string	RD/WR	_FBPROT_2	32	Only for internal use
7288	string	RD/WR	_FB_ADDR	32	Only for internal use
7304	string	RD/WR	_DHCP_0	32	Only for internal use
7320	string	RD/WR	_DHCP_1	32	Only for internal use
7336	string	RD/WR	_DHCP_2	32	Only for internal use
7352	string	RD/WR	_MCIRC	32	Only for internal use
7368	string	RD/WR	_RVOLT	32	Only for internal use
7384	string	RD/WR	_MRF	32	Only for internal use
7400	string	RD/WR	_MVT	32	Only for internal use
7416	string	RD/WR	_MCT	32	Only for internal use
7432	string	RD/WR	_MRV	32	Only for internal use
7448	string	RD/WR	_MRC	32	Only for internal use
7464	string	RD/WR	_FLISYS	32	Only for internal use
7480	string	RD/WR	_EVENTS	32	Only for internal use
7496	string	RD/WR	_TRANS	32	Only for internal use
7512	string	RD/WR	_COLOR	32	Only for internal use
7528	string	RD/WR	_CURRENT	32	Only for internal use
7544	string	RD/WR	_VOLTAGE	32	Only for internal use
7560	string	RD/WR	_RMSLOW	32	Only for internal use
7576	string	RD/WR	_RMSHIGH	32	Only for internal use
7592	string	RD/WR	_RMSINTR	32	Only for internal use
7608	string	RD/WR	_RMSIMAX	32	Only for internal use
7624	string	RD/WR	_OFF_STR	32	Only for internal use
7640	string	RD/WR	_TRNSUPK	32	Only for internal use
7656	string	RD/WR	_TRNSUTR	32	Only for internal use
7672	string	RD/WR	_TRNSIPK	32	Only for internal use
7688	string	RD/WR	_STOPR	32	Only for internal use
7704	string	RD/WR	_STARTR1	32	Only for internal use
7720	string	RD/WR	_STARTR2	32	Only for internal use
7736	string	RD/WR	_DELWORK	32	Only for internal use
7752	string	RD/WR	_L_BRIGHTNESS	32	Only for internal use
7768	string	RD/WR	_STANDBY	32	Only for internal use
7784	string	RD/WR	_BRIGHTNESS_LOW	32	Only for internal use
7800	string	RD/WR	_SCREENSAVE	32	Only for internal use
7816	string	RD/WR	_DISP_MODE	32	Only for internal use
7832	string	RD/WR	_ROTATE	32	Only for internal use
7848	string	RD/WR	_ROTATE_TIME	32	Only for internal use
7864	string	RD/WR	_SPEED_LOW	32	Only for internal use
7880	string	RD/WR	_SPEED_HIGH	32	Only for internal use
7896	string	RD/WR	_RECNO	32	Only for internal use
7912	string	RD/WR	_NO_STR	32	Only for internal use
7928	string	RD/WR	_YES_STR	32	Only for internal use
7944	string	RD/WR	_DONE_STR	32	Only for internal use
7960	string	RD/WR	_RUN_STR	32	Only for internal use
7976	string	RD/WR	_STOP_STR	32	Only for internal use
7992	string	RD/WR	_VERSION	32	Only for internal use
8008	string	RD/WR	_IDNO	32	Only for internal use
8024	string	RD/WR	_SERNO	32	Only for internal use
8040	string	RD/WR	_MACADR	32	Only for internal use
8056	string	RD/WR	_PASSW	32	Only for internal use
8072	string	RD/WR	_LANGUAGE_1	32	Only for internal use
8088	string	RD/WR	_LANGUAGE_2	32	Only for internal use
8104	string	RD/WR	_LANGUAGE_3	32	Only for internal use
8120	string	RD/WR	_LANGUAGE_4	32	Only for internal use
8136	string	RD/WR	_LANGUAGE_5	32	Only for internal use
8152	string	RD/WR	_LANGUAGE_6	32	Only for internal use
8168	string	RD/WR	_LANGUAGE_7	32	Only for internal use
8184	string	RD/WR	_LANGUAGE_8	32	Only for internal use
8200	string	RD/WR	_LANGUAGE_9	32	Only for internal use
8216	string	RD/WR	_LANGUAGE_10	32	Only for internal use
8232	string	RD/WR	_LANGUAGE_11	32	Only for internal use
8248	string	RD/WR	_LANGUAGE_12	32	Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
8264	string	RD/WR	_LANGUAGE_13	32	Only for internal use
8280	string	RD/WR	_LANGUAGE_14	32	Only for internal use
8296	string	RD/WR	_LANGUAGE_15	32	Only for internal use
8312	string	RD/WR	_LANGUAGE_16	32	Only for internal use
8328	string	RD/WR	_GUEST_PASSWD	64	Password, guest
8360	string	RD/WR	_USER_PASSWD	64	Password, user
8392	string	RD/WR	_ADMIN_PASSWD	64	Password, admin
8424	float	RD/WR	_PULSWERT[0]	Wh/n	Pulse value for input 1
8426	float	RD/WR	_PULSWERT[1]	Wh/n	Pulse value for input 2
8428	float	RD/WR	_MAXSIZE_REC	%	Only for internal use
8430	float	RD/WR	_MAXSIZE_TRNS	%	Only for internal use
8432	float	RD/WR	_MAXSIZE_VWW	%	Only for internal use
8434	float	RD/WR	_MAXSIZE_EVT	%	Only for internal use
8436	float	RD/WR	_MAXSIZE_FLAGS	%	Only for internal use
8438	int	RD/WR	_TFTP_FILE_NR		Only for internal use
8440	int	RD/WR	_TFTP_NEWFILE		Only for internal use
8442	int	RD/WR	_DIGOUTEVT[0]	bin	Only for internal use
8446	int	RD/WR	_DIGOUTEVT[1]	bin	Only for internal use
8450	int	RD/WR	_DIGOUTEVT_TIME[0]	0.01s	Only for internal use
8452	int	RD/WR	_DIGOUTEVT_TIME[1]	0.01s	Only for internal use
8454	short	RD/WR	_INVERT_DIGOUT[0]	bool	Only for internal use
8455	short	RD/WR	_INVERT_DIGOUT[1]	bool	Only for internal use
10258	int	RD	_KORR_INT		Only for internal use
10260	int	RD/WR	_QUARZ_KORR_NTP	ppm	Only for internal use
10262	float	RD/WR	_RC_FREQ	Hz	Only for internal use
10264	int	RD/WR	_BACNET_SENDIAM_TIME	s	Only for internal use
10266	ushort	RD/WR	_HTML_PORT		Only for internal use
10267	string	RD/WR	_IP_ADDR_STR	32	Only for internal use
10283	string	RD/WR	_IP_GATEWAY_STR	32	Only for internal use
10299	string	RD/WR	_IP_MASK_STR	32	Only for internal use
10315	string	RD/WR	_NAMESRV_IP	32	Only for internal use
10331	string	RD/WR	_NTPSRV_IP	128	Only for internal use
10395	string	RD/WR	_HOSTNAME	64	Only for internal use
10427	string	RD/WR	_EVT_NAME	16	Only for internal use
10435	string	RD/WR	_FL_NAME	16	Only for internal use
10443	string	RD/WR	_TR_NAME	16	Only for internal use
10451	string	RD/WR	_HWW_NAME	16	Only for internal use
10459	int	RD/WR	_FILEMAGIC		Only for internal use
10461	int	RD/WR	_MODE_NTP		Only for internal use
10463	int	RD/WR	_QUARZ_KORR	ppm	Only for internal use
10465	string	RD/WR	_TFTP_PRG1	256	Only for internal use
10593	string	RD/WR	_TFTP_PRG2	256	Only for internal use
10721	string	RD/WR	_TFTP_PRG3	256	Only for internal use
10849	string	RD/WR	_TFTP_PRG4	256	Only for internal use
10977	string	RD/WR	_TFTP_PRG5	256	Only for internal use
11105	string	RD/WR	_TFTP_PRG6	256	Only for internal use
11233	string	RD/WR	_TFTP_REC	256	Only for internal use
11361	string	RD/WR	_TFTP_DISPLAY	256	Only for internal use
11489	string	RD	_RELEASE	16	Only for internal use
11497	string	RD/WR	_DOWNLOAD	64	Only for internal use
11529	int	RD/WR	_JASIC_VAR		Only for internal use
11531	int		_DUMMY		Only for internal use
11533	uint	RD/WR	_MASTER_TIMEOUT	msec	Only for internal use
11535	int	RD/WR	_ED_PASSWD		Only for internal use
11537	int	RD/WR	_HTML_PASSWD		Password HTML
11539	int	RD/WR	_PASSWD_MODE		Password mode
11541	float	RD	_CHALLENGE		Only for internal use
11543	uint	RD	_EMAX_PASSWORD		Passwort EMAX
11545	uint	RD	_BACNET_PASSWORD		Passwort BACnet
11547	short	RD	_FORBID_HTML		Only for internal use
11548	short	RD	_FORBID_CFG_HTML		Only for internal use
11549	short	RD	_FORBID_FTP		Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
11550	short	RD	_FORBID_CFG_FTP		Only for internal use
11551	short	RD	_FORBID_MODETH		Only for internal use
11552	short	RD	_FORBID_CFG_MODETH		Only for internal use
11553	short	RD	_FORBID_BACNET		Only for internal use
11554	short	RD	_IP_UP		Only for internal use
11555	short	RD	_SYSVAR_CNT		Only for internal use
11556	string	RD/WR	_SEQ_IP0	32	Only for internal use
11572	string	RD/WR	_SEQ_IP1	32	Only for internal use
11588	string	RD/WR	_SEQ_IP2	32	Only for internal use
11604	string	RD/WR	_SEQ_IP3	32	Only for internal use
11620	string	RD/WR	_SEQ_IP4	32	Only for internal use
11636	string	RD/WR	_SEQ_IP5	32	Only for internal use
11652	string	RD/WR	_SEQ_IP6	32	Only for internal use
11668	string	RD/WR	_SEQ_IP7	32	Only for internal use
11684	short	RD/WR	_CH_MAP[0]		Only for internal use
11685	short	RD/WR	_CH_MAP[1]		Only for internal use
11686	short	RD/WR	_CH_MAP[2]		Only for internal use
11687	short	RD/WR	_CH_MAP[3]		Only for internal use
11688	short	RD/WR	_CH_MAP[4]		Only for internal use
11689	short	RD/WR	_CH_MAP[5]		Only for internal use
11690	short	RD/WR	_CH_MAP[6]		Only for internal use
11691	short	RD/WR	_CH_MAP[7]		Only for internal use
11692	float	RD	_NTP_DIV	s	Only for internal use
11694	float	RD	_NTP_TURNAROUND	s	Only for internal use
11696	float	RD	_NTP_KORR	ppm	Only for internal use
11698	long64	RD/WR	_RX_ETH_COUNT		Only for internal use
11702	long64	RD/WR	_TX_ETH_COUNT		Only for internal use
11706	long64	RD/WR	_ERR_ETH_COUNT		Only for internal use
11710	long64	RD/WR	_RX_NTP_COUNT		Only for internal use
11714	long64	RD/WR	_TX_NTP_COUNT		Only for internal use
11718	long64	RD/WR	_ERR_NTP_COUNT		Only for internal use
11722	long64	RD/WR	_RX_DNS_COUNT		Only for internal use
11726	long64	RD/WR	_TX_DNS_COUNT		Only for internal use
11730	long64	RD/WR	_ERR_DNS_COUNT		Only for internal use
11734	long64	RD/WR	_RX_DHCP_COUNT		Only for internal use
11738	long64	RD/WR	_TX_DHCP_COUNT		Only for internal use
11742	long64	RD/WR	_ERR_DHCP_COUNT		Only for internal use
11746	long64	RD/WR	_TX_EMAIL_COUNT		Only for internal use
11750	long64	RD/WR	_ERR_EMAIL_COUNT		Only for internal use
11754	int	RD/WR	_MTU_SIZE		Only for internal use
11756	long64	RD	_SYSTIMEUP	10ms	Only for internal use
11832	float	RD/WR	_SNMP_USERVAR[0]		Only for internal use
11834	float	RD/WR	_SNMP_USERVAR[1]		Only for internal use
11836	float	RD/WR	_SNMP_USERVAR[2]		Only for internal use
11838	float	RD/WR	_SNMP_USERVAR[3]		Only for internal use
11840	float	RD/WR	_SNMP_USERVAR[4]		Only for internal use
11842	float	RD/WR	_SNMP_USERVAR[5]		Only for internal use
11844	float	RD/WR	_SNMP_USERVAR[6]		Only for internal use
11846	float	RD/WR	_SNMP_USERVAR[7]		Only for internal use
11848	float	RD/WR	_SNMP_USERVAR[8]		Only for internal use
11850	float	RD/WR	_SNMP_USERVAR[9]		Only for internal use
11852	float	RD/WR	_SNMP_USERVAR[10]		Only for internal use
11854	float	RD/WR	_SNMP_USERVAR[11]		Only for internal use
11856	float	RD/WR	_SNMP_USERVAR[12]		Only for internal use
11858	float	RD/WR	_SNMP_USERVAR[13]		Only for internal use
11860	float	RD/WR	_SNMP_USERVAR[14]		Only for internal use
11862	float	RD/WR	_SNMP_USERVAR[15]		Only for internal use
11864	double	RD	_AKT_EVT_START[0]	s	Only for internal use
11868	double	RD	_AKT_EVT_START[1]	s	Only for internal use
11872	double	RD	_AKT_EVT_START[2]	s	Only for internal use
11876	double	RD	_AKT_EVT_START[3]	s	Only for internal use
11880	double	RD	_AKT_EVT_START[4]	s	Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
11884	double	RD	_AKT_EVT_START[5]	s	Only for internal use
11888	double	RD	_AKT_EVT_START[6]	s	Only for internal use
11892	double	RD	_AKT_EVT_START[7]	s	Only for internal use
11896	double	RD	_AKT_EVT_STOP[0]	s	Only for internal use
11900	double	RD	_AKT_EVT_STOP[1]	s	Only for internal use
11904	double	RD	_AKT_EVT_STOP[2]	s	Only for internal use
11908	double	RD	_AKT_EVT_STOP[3]	s	Only for internal use
11912	double	RD	_AKT_EVT_STOP[4]	s	Only for internal use
11916	double	RD	_AKT_EVT_STOP[5]	s	Only for internal use
11920	double	RD	_AKT_EVT_STOP[6]	s	Only for internal use
11924	double	RD	_AKT_EVT_STOP[7]	s	Only for internal use
11928	float	RD	_AKT_EVT_BOUND[0]		Only for internal use
11930	float	RD	_AKT_EVT_BOUND[1]		Only for internal use
11932	float	RD	_AKT_EVT_BOUND[2]		Only for internal use
11934	float	RD	_AKT_EVT_BOUND[3]		Only for internal use
11936	float	RD	_AKT_EVT_BOUND[4]		Only for internal use
11938	float	RD	_AKT_EVT_BOUND[5]		Only for internal use
11940	float	RD	_AKT_EVT_BOUND[6]		Only for internal use
11942	float	RD	_AKT_EVT_BOUND[7]		Only for internal use
11944	float	RD	_AKT_EVT_MAXVAL[0]		Only for internal use
11946	float	RD	_AKT_EVT_MAXVAL[1]		Only for internal use
11948	float	RD	_AKT_EVT_MAXVAL[2]		Only for internal use
11950	float	RD	_AKT_EVT_MAXVAL[3]		Only for internal use
11952	float	RD	_AKT_EVT_MAXVAL[4]		Only for internal use
11954	float	RD	_AKT_EVT_MAXVAL[5]		Only for internal use
11956	float	RD	_AKT_EVT_MAXVAL[6]		Only for internal use
11958	float	RD	_AKT_EVT_MAXVAL[7]		Only for internal use
11960	float	RD	_AKT_EVT_MINVAL[0]		Only for internal use
11962	float	RD	_AKT_EVT_MINVAL[1]		Only for internal use
11964	float	RD	_AKT_EVT_MINVAL[2]		Only for internal use
11966	float	RD	_AKT_EVT_MINVAL[3]		Only for internal use
11968	float	RD	_AKT_EVT_MINVAL[4]		Only for internal use
11970	float	RD	_AKT_EVT_MINVAL[5]		Only for internal use
11972	float	RD	_AKT_EVT_MINVAL[6]		Only for internal use
11974	float	RD	_AKT_EVT_MINVAL[7]		Only for internal use
11976	float	RD	_AKT_EVT_AVG[0]		Only for internal use
11978	float	RD	_AKT_EVT_AVG[1]		Only for internal use
11980	float	RD	_AKT_EVT_AVG[2]		Only for internal use
11982	float	RD	_AKT_EVT_AVG[3]		Only for internal use
11984	float	RD	_AKT_EVT_AVG[4]		Only for internal use
11986	float	RD	_AKT_EVT_AVG[5]		Only for internal use
11988	float	RD	_AKT_EVT_AVG[6]		Only for internal use
11990	float	RD	_AKT_EVT_AVG[7]		Only for internal use
11992	long64	RD	_AKT_EVT_REASON[0]		Only for internal use
11996	long64	RD	_AKT_EVT_REASON[1]		Only for internal use
12000	long64	RD	_AKT_EVT_REASON[2]		Only for internal use
12004	long64	RD	_AKT_EVT_REASON[3]		Only for internal use
12008	long64	RD	_AKT_EVT_REASON[4]		Only for internal use
12012	long64	RD	_AKT_EVT_REASON[5]		Only for internal use
12016	long64	RD	_AKT_EVT_REASON[6]		Only for internal use
12020	long64	RD	_AKT_EVT_REASON[7]		Only for internal use
12024	int	RD	_AKT_EVT_CNT[0]		Only for internal use
12026	int	RD	_AKT_EVT_CNT[1]		Only for internal use
12028	int	RD	_AKT_EVT_CNT[2]		Only for internal use
12030	int	RD	_AKT_EVT_CNT[3]		Only for internal use
12032	int	RD	_AKT_EVT_CNT[4]		Only for internal use
12034	int	RD	_AKT_EVT_CNT[5]		Only for internal use
12036	int	RD	_AKT_EVT_CNT[6]		Only for internal use
12038	int	RD	_AKT_EVT_CNT[7]		Only for internal use
12040	int	RD/WR	_HW_INDEX		Device hardware index

Address	Format	RD/WR	Designation	Unit	Note
12502	string	RD/WR	_PASSWDM	32	Only for internal use
12518	string	RD/WR	_BACNET_PW	32	Only for internal use
12534	string	RD/WR	_EMAX_PW	32	Only for internal use
12550	string	RD/WR	_HTML_PW	32	Only for internal use
12566	string	RD/WR	_HTML_PW_MODE	32	Only for internal use
12582	int	RD/WR	_SET_BACNAME_INSTACE		Only for internal use
12584	string	RD/WR	_ALLOCATIONS	32	Only for internal use
12600	string	RD/WR	_PRIMARY	32	Only for internal use
12616	string	RD/WR	_SECONDARY	32	Only for internal use
12632	string	RD/WR	_CT_TRANSFORMER	32	Only for internal use
12648	string	RD/WR	_VT_TRANSFORMER	32	Only for internal use
12664	string	RD/WR	_NOMINAL_CURRENT	32	Only for internal use
12680	string	RD/WR	_NOMINAL_VOLTAGE	32	Only for internal use
12696	string	RD/WR	_TRANSFER	32	Only for internal use
12712	string	RD/WR	_STR_PHASE	32	Only for internal use
12728	string	RD/WR	_TRANSFORMER	32	Only for internal use
12744	string	RD/WR	_EVENTS	32	Only for internal use
12760	string	RD/WR	_TRANSIENTS	32	Only for internal use
12776	string	RD/WR	_MODE_ABS	32	Only for internal use
12792	string	RD/WR	_MODE_ABS_I	32	Only for internal use
12808	string	RD/WR	_MODE_DELTA	32	Only for internal use
12824	string	RD/WR	_NO_STR	32	Only for internal use
12840	string	RD/WR	_YES_STR	32	Only for internal use
12856	string	RD/WR	_DONE	32	Only for internal use
12872	string	RD/WR	_MANUALLY	32	Only for internal use
12888	string	RD/WR	_AUTOMATICALLY	32	Only for internal use
12904	string	RD/WR	_OFF	32	Only for internal use
12920	short	RD/WR	_PULS_WIDTH		Only for internal use
12921	string	RD/WR	_RVOLT_0	32	Only for internal use
12937	string	RD/WR	_RVOLT_1	32	Only for internal use
12953	string	RD/WR	_FREQ_STR_0	32	Only for internal use
12969	string	RD/WR	_FREQ_STR_1	32	Only for internal use
12985	string	RD/WR	_FREQ_STR_2	32	Only for internal use
13001	string	RD/WR	_FLI_STR_0	32	Only for internal use
13017	string	RD/WR	_FLI_STR_1	32	Only for internal use
13033	string	RD/WR	_FLI_STR_2	32	Only for internal use
13049	string	RD/WR	_FLI_STR_3	32	Only for internal use
13065	string	RD/WR	_MODE_ENV	32	Only for internal use
13081	string	RD/WR	_TRNSENV	32	Only for internal use
13097	float	RD/WR	_TRNS_ENVELOPE[0]	%	Only for internal use
13099	float	RD/WR	_TRNS_ENVELOPE[1]	%	Only for internal use
13115	float	RD	_U_SYM_AVG_U0	%	Only for internal use
13117	float	RD	_U_SYM_MIN_U0	%	Only for internal use
13119	float	RD	_U_SYM_MAX_U0	%	Only for internal use
13121	short	RD/WR	_U_SYM_AVG_T_U0		Only for internal use
13122	short	RD/WR	_U_SYM_MIN_T_U0		Only for internal use
13123	short	RD/WR	_U_SYM_MAX_T_U0		Only for internal use
13124	string	RD/WR	_MAIN_STR	32	Only for internal use
13140	string	RD/WR	_AUX_STR	32	Only for internal use
13156	string	RD/WR	_CP_DEL_MINMAX	32	Only for internal use
13172	string	RD/WR	_CP_BACNET	32	Only for internal use
13188	string	RD/WR	_CP_COLOR	32	Only for internal use
13204	string	RD/WR	_CP_RELEASE	32	Only for internal use
13220	string	RD/WR	_CP_MEASURMENT	32	Only for internal use
13236	string	RD/WR	_CP_DELIVERY_STATE	32	Only for internal use
13252	string	RD/WR	_CP_RE_INIT	32	Only for internal use
13268	string	RD/WR	_CP_RESET	32	Only for internal use
13284	string	RD/WR	_CP_DATE_TIME	32	Only for internal use
13300	string	RD/WR	_CP_JASIC	32	Only for internal use
13316	string	RD/WR	_CP_RECORD	32	Only for internal use
13332	string	RD/WR	_CP_EXTENSION	32	Only for internal use
13348	string	RD/WR	_CP_EMAX	32	Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
13364	string	RD/WR	_TRNSENV	32	Only for internal use
13380	string	RD/WR	_MODE_ENV	32	Only for internal use
13396	uint	RD/WR	_MB_STATUS		Only for internal use
13398	int	RD/WR	_SET_SYSTIME	sec	Only for internal use
13400	string	RD	_SNMP_OID	32	Only for internal use
13416	ushort	RD/WR	_SMTP_PORT	n	Only for internal use
13417	float	RD	_IND_CAP_SUM3		Sign, Q1 + Q2 + Q3
13419	float	RD	_IND_CAP_SUM		Sign, Q1 + Q2 + Q3 + Q4
13421	string	RD/WR	_CP_DREILEITER	32	Only for internal use
13437	string	RD/WR	_CP_ARON	32	Only for internal use
13453	float	RD/WR	_I_EVT_MAX_HYST[0]	%	Only for internal use
13455	float	RD/WR	_I_EVT_MAX_HYST[1]	%	Only for internal use
13457	float	RD/WR	_U_EVT_MAX_HYST[0]	%	Only for internal use
13459	float	RD/WR	_U_EVT_MAX_HYST[1]	%	Only for internal use
13461	float	RD/WR	_U_EVT_MIN_HYST[0]	%	Only for internal use
13463	float	RD/WR	_U_EVT_MIN_HYST[1]	%	Only for internal use
13465	float	RD/WR	_U_EVT_OFF_HYST[0]	%	Only for internal use
13467	float	RD/WR	_U_EVT_OFF_HYST[1]	%	Only for internal use
13537	int	RD/WR	_ETERNET_TIMEOUT		Only for internal use
13539	int	RD/WR	_FIREWALL		Only for internal use
13541	short	RD/WR	_MAC_01		Only for internal use
13542	short	RD/WR	_MAC_23		Only for internal use
13543	short	RD/WR	_MAC_45		Only for internal use
13544	short	RD/WR	_FLUSH_DEV		Only for internal use
13545	uint	RD/WR	_RECORD_TIME		Only for internal use
13547	int	RD/WR	_CONFIG_P15_VAL		Only for internal use
13549	int	RD/WR	_CONFIG_P15_TIME		Only for internal use
13551	uint	RD/WR	_BACNET_BBMD_IP		Configure bacnet foreign device registration: BBMD IP
13553	ushort	RD/WR	_BACNET_BBMD_PORT		Configure bacnet foreign device registration: BBMD Port
13554	ushort	RD/WR	_BACNET_VNET		BACnet network number for vnet. Set to 0 to reset to unique value
13555	ushort	RD/WR	_BACNET_NAMEPREFIX		Disable underscore before object names (1)
13556	string	RD/WR	_DIGIN_NAME0	32	Name, Input 1
13572	string	RD/WR	_DIGIN_UNIT0	32	Unit, Input 1
13588	string	RD/WR	_DIGIN_DESCRIPTION0	128	Description, Input 1
13652	string	RD/WR	_DIGIN_NAME1	32	Name, Input 2
13668	string	RD/WR	_DIGIN_UNIT1	32	Unit, Input 2
13684	string	RD/WR	_DIGIN_DESCRIPTION1	128	Description, Input 2
13748	float	RD/WR	_ULL_EVT_MAX	%	Only for internal use
13750	float	RD/WR	_ULL_EVT_MIN	%	Only for internal use
13752	float	RD/WR	_ULL_EVT_OFF	%	Only for internal use
13754	float	RD/WR	_ULL_EVT_MAX_HYST	%	Only for internal use
13756	float	RD/WR	_ULL_EVT_MIN_HYST	%	Only for internal use
13758	float	RD/WR	_ULL_EVT_OFF_HYST	%	Only for internal use
13760	float	RD/WR	_FREQ_EVT_MAX[0]	%	Only for internal use
13762	float	RD/WR	_FREQ_EVT_MAX[1]	%	Only for internal use
13764	float	RD/WR	_FREQ_EVT_MIN[0]	%	Only for internal use
13766	float	RD/WR	_FREQ_EVT_MIN[1]	%	Only for internal use
13768	float	RD/WR	_FREQ_EVT_DT[0]	%	Only for internal use
13770	float	RD/WR	_FREQ_EVT_DT[1]	%	Only for internal use
13772	float	RD/WR	_FREQ_EVT_MAX_HYST[0]	%	Only for internal use
13774	float	RD/WR	_FREQ_EVT_MAX_HYST[1]	%	Only for internal use
13776	float	RD/WR	_FREQ_EVT_MIN_HYST[0]	%	Only for internal use
13778	float	RD/WR	_FREQ_EVT_MIN_HYST[1]	%	Only for internal use
13780	float	RD/WR	_FREQ_EVT_DT_HYST[0]	%	Only for internal use
13782	float	RD/WR	_FREQ_EVT_DT_HYST[1]	%	Only for internal use
13784	short	RD/WR	_TRANS_PROTECTION	%	Only for internal use
13785	int	RD/WR	_FREQ_PHASE_COUNT		Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
13787	float	RD/WR	_IDIFF_PRIM[0]	A	RC transformer, primary 1
13789	float	RD/WR	_IDIFF_PRIM[1]	A	RC transformer, primary 2
13791	float	RD/WR	_IDIFF_SEC[0]	A	RC transformer, secondary 1
13793	float	RD/WR	_IDIFF_SEC[1]	A	RC transformer, secondary 2
13795	float	RD/WR	_TEMPERATUR_OFFSET	°C	Temperatur offset
13797	int	RD/WR	_IDIFF_MODE[0]	A	Failure monitoring, diff 1 0 = deactivate, 1 = activate
13799	int	RD/WR	_IDIFF_MODE[1]	A	Failure monitoring, diff 2 0 = deactivate, 1 = activate
13801	int	RD/WR	_THERMOELEMENT		Thermal element
13803	float	RD/WR	_IDIFF[0]	A	
13805	float	RD/WR	_IDIFF[1]	A	
13807	float	RD/WR	_EXT_TEMP	V	external temperatur
13809	short	RD/WR	_IDIFF_BREAK[0]		Connection to RC transformer, diff 1 0 = error free, 1 = error
13810	short	RD/WR	_IDIFF_BREAK[1]		Connection to RC transformer, diff 2 0 = error free, 1 = error
13811	short	RD/WR	_COMP_DIFF_TYPE0	s	Only for internal use
13812	ushort	RD/WR	_COMP_DIFF_REF_ADDR0	s	Only for internal use
13813	float	RD/WR	_COMP_DIFF_PER_DEV0	s	Only for internal use
13815	short	RD/WR	_COMP_DIFF_DEV_CNT0	s	Only for internal use
13816	float	RD/WR	_COMP_DIFF_CUR_PER0	s	Only for internal use
13818	float	RD/WR	_COMP_DIFF_CUR_OFFSET0	s	Only for internal use
13820	float	RD/WR	_COMP_DIFF_TOLERANCE0	s	Only for internal use
13822	float	RD/WR	_COMP_DIFF_WARNLEVEL0	s	Only for internal use
13824	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[0]	s	Only for internal use
13826	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[1]	s	Only for internal use
13828	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[2]	s	Only for internal use
13830	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[3]	s	Only for internal use
13832	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[4]	s	Only for internal use
13834	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[5]	s	Only for internal use
13836	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[6]	s	Only for internal use
13838	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[7]	s	Only for internal use
13840	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[8]	s	Only for internal use
13842	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD0[9]	s	Only for internal use
13844	float	RD/WR	_COMP_DIFF_STEPS0[0]	s	Only for internal use
13846	float	RD/WR	_COMP_DIFF_STEPS0[1]	s	Only for internal use
13848	float	RD/WR	_COMP_DIFF_STEPS0[2]	s	Only for internal use
13850	float	RD/WR	_COMP_DIFF_STEPS0[3]	s	Only for internal use
13852	float	RD/WR	_COMP_DIFF_STEPS0[4]	s	Only for internal use
13854	float	RD/WR	_COMP_DIFF_STEPS0[5]	s	Only for internal use
13856	float	RD/WR	_COMP_DIFF_STEPS0[6]	s	Only for internal use
13858	float	RD/WR	_COMP_DIFF_STEPS0[7]	s	Only for internal use
13860	float	RD/WR	_COMP_DIFF_STEPS0[8]	s	Only for internal use
13862	float	RD/WR	_COMP_DIFF_STEPS0[9]	s	Only for internal use
13864	float	RD/WR	_COMP_DIFF_CUR_THRESHOLD0	s	Only for internal use
13866	float	RD/WR	_COMP_DIFF_MIN_TIME0	s	Only for internal use
13868	short	RD/WR	_COMP_DIFF_TYPE1	s	Only for internal use
13869	ushort	RD/WR	_COMP_DIFF_REF_ADDR1	s	Only for internal use
13870	float	RD/WR	_COMP_DIFF_PER_DEV1	s	Only for internal use
13872	short	RD/WR	_COMP_DIFF_DEV_CNT1	s	Only for internal use
13873	float	RD/WR	_COMP_DIFF_CUR_PER1	s	Only for internal use
13875	float	RD/WR	_COMP_DIFF_CUR_OFFSET1	s	Only for internal use
13877	float	RD/WR	_COMP_DIFF_TOLERANCE1	s	Only for internal use
13879	float	RD/WR	_COMP_DIFF_WARNLEVEL1	s	Only for internal use
13881	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[0]	s	Only for internal use
13883	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[1]	s	Only for internal use
13885	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[2]	s	Only for internal use
13887	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[3]	s	Only for internal use
13889	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[4]	s	Only for internal use
13891	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[5]	s	Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
13893	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[6]	s	Only for internal use
13895	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[7]	s	Only for internal use
13897	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[8]	s	Only for internal use
13899	float	RD/WR	_COMP_DIFF_STEP_THRESHOLD1[9]	s	Only for internal use
13901	float	RD/WR	_COMP_DIFF_STEPS1[0]	s	Only for internal use
13903	float	RD/WR	_COMP_DIFF_STEPS1[1]	s	Only for internal use
13905	float	RD/WR	_COMP_DIFF_STEPS1[2]	s	Only for internal use
13907	float	RD/WR	_COMP_DIFF_STEPS1[3]	s	Only for internal use
13909	float	RD/WR	_COMP_DIFF_STEPS1[4]	s	Only for internal use
13911	float	RD/WR	_COMP_DIFF_STEPS1[5]	s	Only for internal use
13913	float	RD/WR	_COMP_DIFF_STEPS1[6]	s	Only for internal use
13915	float	RD/WR	_COMP_DIFF_STEPS1[7]	s	Only for internal use
13917	float	RD/WR	_COMP_DIFF_STEPS1[8]	s	Only for internal use
13919	float	RD/WR	_COMP_DIFF_STEPS1[9]	s	Only for internal use
13921	float	RD/WR	_COMP_DIFF_CUR_THRESHOLD1	s	Only for internal use
13923	float	RD/WR	_COMP_DIFF_MIN_TIME1	s	Only for internal use
13925	short	RD/WR	_COMP_DIFF_STATUS[0]	s	Alarm status for diff 1 with: Bit 0 = Warning Bit 1 = Overcurrent Bit 2 = Alarm Bit 3 = CT not connected
13926	short	RD/WR	_COMP_DIFF_STATUS[1]	s	Alarm status for diff 2 with: Bit 0 = Warning Bit 1 = Overcurrent Bit 2 = Alarm Bit 3 = CT not connected
13927	float	RD/WR	_COMP_DIFF_RUN_TIME[0]	s	Overcurrent duration, diff 1
13929	float	RD/WR	_COMP_DIFF_RUN_TIME[1]	s	Overcurrent duration, diff 2
13931	float	RD/WR	_COMP_DIFF_LIMIT[0]	A	Real threshold diff 1
13933	float	RD/WR	_COMP_DIFF_LIMIT[1]	A	Real threshold diff 2
13935	short	RD/WR	_BLACKOUT_EVT_PHASE		Only for internal use
13936	short	RD/WR	_BLACKOUT_EVT_DELAY		Only for internal use
13937	float	RD/WR	_BLACKOUT_EVT_LEVEL		Only for internal use
13939	int	RD/WR	_EVT_STOP_PRE		Only for internal use
13941	int	RD/WR	_EVT_STOP_POST		Only for internal use
14087	int	RD/WR	_DC_IDFF[0]		Only for internal use
14089	int	RD/WR	_DC_IDFF[1]		Only for internal use
14091	int	RD/WR	_INIT_CUSTOMKEY		Only for internal use
14093	int	RD/WR	_WAVE_STOP_PRE		Only for internal use
14095	int	RD/WR	_WAVE_STOP_POST		Only for internal use
14097	int	RD/WR	_TRNS_PRE		Only for internal use
14099	int	RD/WR	_TRNS_POST		Only for internal use
14249	byte	RD	_PTP_VERSION		Only for internal use
14250	byte	RD/WR	_PTP_DOMAIN		Only for internal use
14251	byte	RD	_PTP_CLOCK_CLASS		Only for internal use
14252	byte	RD	_PTP_CLOCK_ACCURACY		Only for internal use
14253	byte	RD	_PTP_TIME_SOURCE		Only for internal use
14254	byte	RD	_PTP_TWO_STEP		Only for internal use
14255	byte	RD	_PTP_DELAY_MECHANISM		Only for internal use
14256	byte	RD	_PTP_PROFILE_ID[0]		Only for internal use
14257	byte	RD	_PTP_PROFILE_ID[1]		Only for internal use
14258	byte	RD	_PTP_PROFILE_ID[2		Only for internal use
14259	byte	RD	_PTP_PROFILE_ID[3]		Only for internal use
14260	byte	RD	_PTP_PROFILE_ID[4]		Only for internal use
14261	byte	RD	_PTP_PROFILE_ID[5]		Only for internal use
14262	byte	RD/WR	_PTP_ANNOUNCE_RECEIPT_TIMEOUT		Only for internal use
14263	int	RD	_PTP_STATE		Only for internal use
14265	short	RD/WR	_PTP_MANAGEMENT_INTERFACE		Only for internal use
14266	byte	RD/WR	_PTP_PRIORITY1		Only for internal use
14267	byte	RD/WR	_PTP_PRIORITY2		Only for internal use

Address	Format	RD/WR	Designation	Unit	Note
15040	float	RD/WR	_NOMINAL_U_LL	V	Nominal Voltage ULL
19668	float	RD/WR	_G_DLN[0]	var	IN Distortion reactive power
19670	float	RD/WR	_G_DLN[1]	var	IN Distortion reactive power
19672	float	RD/WR	_G_DLN[2]	var	IN Distortion reactive power
19674	float	RD/WR	_G_DLN[3]	var	IN Distortion reactive power
19676	float	RD/WR	_G_ULL_RE[0]	V	Voltage, real part L-L
19678	float	RD/WR	_G_ULL_RE[1]	V	Voltage, real part L-L
19680	float	RD/WR	_G_ULL_RE[2]	V	Voltage, real part L-L
19682	float	RD/WR	_G_ULL_IM[0]	V	Voltage, imaginary part L-L
19684	float	RD/WR	_G_ULL_IM[1]	V	Voltage, imaginary part L-L
19686	float	RD/WR	_G_ULL_IM[2]	V	Voltage, imaginary part L-L
19710	uint	RD	_RUNNING_EVENTS_COUNTER	-	Counter for started events
19712	long64	RD	_RUNNING_EVENTS_FLAGS	-	Flags for running events
19717	float	RD/WR	Device Info		free input field for storing numerical information

Fourier analysis

Measured values, fourier analysis

Address	Format	RD/WR	Designation	Unit	Note
13	float	RD	_FFT_ULL1[0]	V	1. Harmonic U L1..L2
15	float	RD	_FFT_ULL1[1]	V	2. Harmonic U L1..L2
17	float	RD	_FFT_ULL1[2]	V	3. Harmonic U L1..L2
19	float	RD	_FFT_ULL1[3]	V	4. Harmonic U L1..L2
21	float	RD	_FFT_ULL1[4]	V	5. Harmonic U L1..L2
23	float	RD	_FFT_ULL1[5]	V	6. Harmonic U L1..L2
25	float	RD	_FFT_ULL1[6]	V	7. Harmonic U L1..L2
27	float	RD	_FFT_ULL1[7]	V	8. Harmonic U L1..L2
29	float	RD	_FFT_ULL1[8]	V	9. Harmonic U L1..L2
31	float	RD	_FFT_ULL1[9]	V	10. Harmonic U L1..L2
33	float	RD	_FFT_ULL1[10]	V	11. Harmonic U L1..L2
35	float	RD	_FFT_ULL1[11]	V	12. Harmonic U L1..L2
37	float	RD	_FFT_ULL1[12]	V	13. Harmonic U L1..L2
39	float	RD	_FFT_ULL1[13]	V	14. Harmonic U L1..L2
41	float	RD	_FFT_ULL1[14]	V	15. Harmonic U L1..L2
43	float	RD	_FFT_ULL1[15]	V	16. Harmonic U L1..L2
45	float	RD	_FFT_ULL1[16]	V	17. Harmonic U L1..L2
47	float	RD	_FFT_ULL1[17]	V	18. Harmonic U L1..L2
49	float	RD	_FFT_ULL1[18]	V	19. Harmonic U L1..L2
51	float	RD	_FFT_ULL1[19]	V	20. Harmonic U L1..L2
53	float	RD	_FFT_ULL1[20]	V	21. Harmonic U L1..L2
55	float	RD	_FFT_ULL1[21]	V	22. Harmonic U L1..L2
57	float	RD	_FFT_ULL1[22]	V	23. Harmonic U L1..L2
59	float	RD	_FFT_ULL1[23]	V	24. Harmonic U L1..L2
61	float	RD	_FFT_ULL1[24]	V	25. Harmonic U L1..L2
63	float	RD	_FFT_ULL1[25]	V	26. Harmonic U L1..L2
65	float	RD	_FFT_ULL1[26]	V	27. Harmonic U L1..L2
67	float	RD	_FFT_ULL1[27]	V	28. Harmonic U L1..L2
69	float	RD	_FFT_ULL1[28]	V	29. Harmonic U L1..L2
71	float	RD	_FFT_ULL1[29]	V	30. Harmonic U L1..L2
73	float	RD	_FFT_ULL1[30]	V	31. Harmonic U L1..L2
75	float	RD	_FFT_ULL1[31]	V	32. Harmonic U L1..L2
77	float	RD	_FFT_ULL1[32]	V	33. Harmonic U L1..L2
79	float	RD	_FFT_ULL1[33]	V	34. Harmonic U L1..L2
81	float	RD	_FFT_ULL1[34]	V	35. Harmonic U L1..L2
83	float	RD	_FFT_ULL1[35]	V	36. Harmonic U L1..L2
85	float	RD	_FFT_ULL1[36]	V	37. Harmonic U L1..L2
87	float	RD	_FFT_ULL1[37]	V	38. Harmonic U L1..L2
89	float	RD	_FFT_ULL1[38]	V	39. Harmonic U L1..L2
91	float	RD	_FFT_ULL1[39]	V	40. Harmonic U L1..L2
93	float	RD	_FFT_ULL1[40]	V	41. Harmonic U L1..L2
95	float	RD	_FFT_ULL1[41]	V	42. Harmonic U L1..L2
97	float	RD	_FFT_ULL1[42]	V	43. Harmonic U L1..L2
99	float	RD	_FFT_ULL1[43]	V	44. Harmonic U L1..L2
101	float	RD	_FFT_ULL1[44]	V	45. Harmonic U L1..L2
103	float	RD	_FFT_ULL1[45]	V	46. Harmonic U L1..L2
105	float	RD	_FFT_ULL1[46]	V	47. Harmonic U L1..L2
107	float	RD	_FFT_ULL1[47]	V	48. Harmonic U L1..L2
109	float	RD	_FFT_ULL1[48]	V	49. Harmonic U L1..L2
111	float	RD	_FFT_ULL1[49]	V	50. Harmonic U L1..L2
113	float	RD	_FFT_ULL1[50]	V	51. Harmonic U L1..L2
115	float	RD	_FFT_ULL1[51]	V	52. Harmonic U L1..L2
117	float	RD	_FFT_ULL1[52]	V	53. Harmonic U L1..L2
119	float	RD	_FFT_ULL1[53]	V	54. Harmonic U L1..L2
121	float	RD	_FFT_ULL1[54]	V	55. Harmonic U L1..L2
123	float	RD	_FFT_ULL1[55]	V	56. Harmonic U L1..L2
125	float	RD	_FFT_ULL1[56]	V	57. Harmonic U L1..L2
127	float	RD	_FFT_ULL1[57]	V	58. Harmonic U L1..L2
129	float	RD	_FFT_ULL1[58]	V	59. Harmonic U L1..L2
131	float	RD	_FFT_ULL1[59]	V	60. Harmonic U L1..L2
133	float	RD	_FFT_ULL1[60]	V	61. Harmonic U L1..L2
135	float	RD	_FFT_ULL1[61]	V	62. Harmonic U L1..L2

Address	Format	RD/WR	Designation	Unit	Note
137	float	RD	_FFT_ULL1[62]	V	62. Harmonic U L1..L2
139	float	RD	_FFT_ULL2[0]	V	1. Harmonic U L2..L3
141	float	RD	_FFT_ULL2[1]	V	2. Harmonic U L2..L3
143	float	RD	_FFT_ULL2[2]	V	3. Harmonic U L2..L3
145	float	RD	_FFT_ULL2[3]	V	4. Harmonic U L2..L3
147	float	RD	_FFT_ULL2[4]	V	5. Harmonic U L2..L3
149	float	RD	_FFT_ULL2[5]	V	6. Harmonic U L2..L3
151	float	RD	_FFT_ULL2[6]	V	7. Harmonic U L2..L3
153	float	RD	_FFT_ULL2[7]	V	8. Harmonic U L2..L3
155	float	RD	_FFT_ULL2[8]	V	9. Harmonic U L2..L3
157	float	RD	_FFT_ULL2[9]	V	10. Harmonic U L2..L3
159	float	RD	_FFT_ULL2[10]	V	11. Harmonic U L2..L3
161	float	RD	_FFT_ULL2[11]	V	12. Harmonic U L2..L3
163	float	RD	_FFT_ULL2[12]	V	13. Harmonic U L2..L3
165	float	RD	_FFT_ULL2[13]	V	14. Harmonic U L2..L3
167	float	RD	_FFT_ULL2[14]	V	15. Harmonic U L2..L3
169	float	RD	_FFT_ULL2[15]	V	16. Harmonic U L2..L3
171	float	RD	_FFT_ULL2[16]	V	17. Harmonic U L2..L3
173	float	RD	_FFT_ULL2[17]	V	18. Harmonic U L2..L3
175	float	RD	_FFT_ULL2[18]	V	19. Harmonic U L2..L3
177	float	RD	_FFT_ULL2[19]	V	20. Harmonic U L2..L3
179	float	RD	_FFT_ULL2[20]	V	21. Harmonic U L2..L3
181	float	RD	_FFT_ULL2[21]	V	22. Harmonic U L2..L3
183	float	RD	_FFT_ULL2[22]	V	23. Harmonic U L2..L3
185	float	RD	_FFT_ULL2[23]	V	24. Harmonic U L2..L3
187	float	RD	_FFT_ULL2[24]	V	25. Harmonic U L2..L3
189	float	RD	_FFT_ULL2[25]	V	26. Harmonic U L2..L3
191	float	RD	_FFT_ULL2[26]	V	27. Harmonic U L2..L3
193	float	RD	_FFT_ULL2[27]	V	28. Harmonic U L2..L3
195	float	RD	_FFT_ULL2[28]	V	29. Harmonic U L2..L3
197	float	RD	_FFT_ULL2[29]	V	30. Harmonic U L2..L3
199	float	RD	_FFT_ULL2[30]	V	31. Harmonic U L2..L3
201	float	RD	_FFT_ULL2[31]	V	32. Harmonic U L2..L3
203	float	RD	_FFT_ULL2[32]	V	33. Harmonic U L2..L3
205	float	RD	_FFT_ULL2[33]	V	34. Harmonic U L2..L3
207	float	RD	_FFT_ULL2[34]	V	35. Harmonic U L2..L3
209	float	RD	_FFT_ULL2[35]	V	36. Harmonic U L2..L3
211	float	RD	_FFT_ULL2[36]	V	37. Harmonic U L2..L3
213	float	RD	_FFT_ULL2[37]	V	38. Harmonic U L2..L3
215	float	RD	_FFT_ULL2[38]	V	39. Harmonic U L2..L3
217	float	RD	_FFT_ULL2[39]	V	40. Harmonic U L2..L3
219	float	RD	_FFT_ULL2[40]	V	41. Harmonic U L2..L3
221	float	RD	_FFT_ULL2[41]	V	42. Harmonic U L2..L3
223	float	RD	_FFT_ULL2[42]	V	43. Harmonic U L2..L3
225	float	RD	_FFT_ULL2[43]	V	44. Harmonic U L2..L3
227	float	RD	_FFT_ULL2[44]	V	45. Harmonic U L2..L3
229	float	RD	_FFT_ULL2[45]	V	46. Harmonic U L2..L3
231	float	RD	_FFT_ULL2[46]	V	47. Harmonic U L2..L3
233	float	RD	_FFT_ULL2[47]	V	48. Harmonic U L2..L3
235	float	RD	_FFT_ULL2[48]	V	49. Harmonic U L2..L3
237	float	RD	_FFT_ULL2[49]	V	50. Harmonic U L2..L3
239	float	RD	_FFT_ULL2[50]	V	51. Harmonic U L2..L3
241	float	RD	_FFT_ULL2[51]	V	52. Harmonic U L2..L3
243	float	RD	_FFT_ULL2[52]	V	53. Harmonic U L2..L3
245	float	RD	_FFT_ULL2[53]	V	54. Harmonic U L2..L3
247	float	RD	_FFT_ULL2[54]	V	55. Harmonic U L2..L3
249	float	RD	_FFT_ULL2[55]	V	56. Harmonic U L2..L3
251	float	RD	_FFT_ULL2[56]	V	57. Harmonic U L2..L3
253	float	RD	_FFT_ULL2[57]	V	58. Harmonic U L2..L3
255	float	RD	_FFT_ULL2[58]	V	59. Harmonic U L2..L3
257	float	RD	_FFT_ULL2[59]	V	60. Harmonic U L2..L3
259	float	RD	_FFT_ULL2[60]	V	61. Harmonic U L2..L3
261	float	RD	_FFT_ULL2[61]	V	62. Harmonic U L2..L3
263	float	RD	_FFT_ULL2[62]	V	63. Harmonic U L2..L3
265	float	RD	_FFT_ULL3[0]	V	1. Harmonic U L3..L1

Address	Format	RD/WR	Designation	Unit	Note
267	float	RD	_FFT_ULL3[1]	V	2. Harmonic U L3..L1
269	float	RD	_FFT_ULL3[2]	V	3. Harmonic U L3..L1
271	float	RD	_FFT_ULL3[3]	V	4. Harmonic U L3..L1
273	float	RD	_FFT_ULL3[4]	V	5. Harmonic U L3..L1
275	float	RD	_FFT_ULL3[5]	V	6. Harmonic U L3..L1
277	float	RD	_FFT_ULL3[6]	V	7. Harmonic U L3..L1
279	float	RD	_FFT_ULL3[7]	V	8. Harmonic U L3..L1
281	float	RD	_FFT_ULL3[8]	V	9. Harmonic U L3..L1
283	float	RD	_FFT_ULL3[9]	V	10. Harmonic U L3..L1
285	float	RD	_FFT_ULL3[10]	V	11. Harmonic U L3..L1
287	float	RD	_FFT_ULL3[11]	V	12. Harmonic U L3..L1
289	float	RD	_FFT_ULL3[12]	V	13. Harmonic U L3..L1
291	float	RD	_FFT_ULL3[13]	V	14. Harmonic U L3..L1
293	float	RD	_FFT_ULL3[14]	V	15. Harmonic U L3..L1
295	float	RD	_FFT_ULL3[15]	V	16. Harmonic U L3..L1
297	float	RD	_FFT_ULL3[16]	V	17. Harmonic U L3..L1
299	float	RD	_FFT_ULL3[17]	V	18. Harmonic U L3..L1
301	float	RD	_FFT_ULL3[18]	V	19. Harmonic U L3..L1
303	float	RD	_FFT_ULL3[19]	V	20. Harmonic U L3..L1
305	float	RD	_FFT_ULL3[20]	V	21. Harmonic U L3..L1
307	float	RD	_FFT_ULL3[21]	V	22. Harmonic U L3..L1
309	float	RD	_FFT_ULL3[22]	V	23. Harmonic U L3..L1
311	float	RD	_FFT_ULL3[23]	V	24. Harmonic U L3..L1
313	float	RD	_FFT_ULL3[24]	V	25. Harmonic U L3..L1
315	float	RD	_FFT_ULL3[25]	V	26. Harmonic U L3..L1
317	float	RD	_FFT_ULL3[26]	V	27. Harmonic U L3..L1
319	float	RD	_FFT_ULL3[27]	V	28. Harmonic U L3..L1
321	float	RD	_FFT_ULL3[28]	V	29. Harmonic U L3..L1
323	float	RD	_FFT_ULL3[29]	V	30. Harmonic U L3..L1
325	float	RD	_FFT_ULL3[30]	V	31. Harmonic U L3..L1
327	float	RD	_FFT_ULL3[31]	V	32. Harmonic U L3..L1
329	float	RD	_FFT_ULL3[32]	V	33. Harmonic U L3..L1
331	float	RD	_FFT_ULL3[33]	V	34. Harmonic U L3..L1
333	float	RD	_FFT_ULL3[34]	V	35. Harmonic U L3..L1
335	float	RD	_FFT_ULL3[35]	V	36. Harmonic U L3..L1
337	float	RD	_FFT_ULL3[36]	V	37. Harmonic U L3..L1
339	float	RD	_FFT_ULL3[37]	V	38. Harmonic U L3..L1
341	float	RD	_FFT_ULL3[38]	V	39. Harmonic U L3..L1
343	float	RD	_FFT_ULL3[39]	V	40. Harmonic U L3..L1
345	float	RD	_FFT_ULL3[40]	V	41. Harmonic U L3..L1
347	float	RD	_FFT_ULL3[41]	V	42. Harmonic U L3..L1
349	float	RD	_FFT_ULL3[42]	V	43. Harmonic U L3..L1
351	float	RD	_FFT_ULL3[43]	V	44. Harmonic U L3..L1
353	float	RD	_FFT_ULL3[44]	V	45. Harmonic U L3..L1
355	float	RD	_FFT_ULL3[45]	V	46. Harmonic U L3..L1
357	float	RD	_FFT_ULL3[46]	V	47. Harmonic U L3..L1
359	float	RD	_FFT_ULL3[47]	V	48. Harmonic U L3..L1
361	float	RD	_FFT_ULL3[48]	V	49. Harmonic U L3..L1
363	float	RD	_FFT_ULL3[49]	V	50. Harmonic U L3..L1
365	float	RD	_FFT_ULL3[50]	V	51. Harmonic U L3..L1
367	float	RD	_FFT_ULL3[51]	V	52. Harmonic U L3..L1
369	float	RD	_FFT_ULL3[52]	V	53. Harmonic U L3..L1
371	float	RD	_FFT_ULL3[53]	V	54. Harmonic U L3..L1
373	float	RD	_FFT_ULL3[54]	V	55. Harmonic U L3..L1
375	float	RD	_FFT_ULL3[55]	V	56. Harmonic U L3..L1
377	float	RD	_FFT_ULL3[56]	V	57. Harmonic U L3..L1
379	float	RD	_FFT_ULL3[57]	V	58. Harmonic U L3..L1
381	float	RD	_FFT_ULL3[58]	V	59. Harmonic U L3..L1
383	float	RD	_FFT_ULL3[59]	V	60. Harmonic U L3..L1
385	float	RD	_FFT_ULL3[60]	V	61. Harmonic U L3..L1
387	float	RD	_FFT_ULL3[61]	V	62. Harmonic U L3..L1
389	float	RD	_FFT_ULL3[62]	V	63. Harmonic U L3..L1
391	float	RD	_FFT_UL1[0]	V	1. Harmonic U L1
393	float	RD	_FFT_UL1[1]	V	2. Harmonic U L1
395	float	RD	_FFT_UL1[2]	V	3. Harmonic U L1

Address	Format	RD/WR	Designation	Unit	Note
397	float	RD	_FFT_UL1[3]	V	4. Harmonic U L1
399	float	RD	_FFT_UL1[4]	V	5. Harmonic U L1
401	float	RD	_FFT_UL1[5]	V	6. Harmonic U L1
403	float	RD	_FFT_UL1[6]	V	7. Harmonic U L1
405	float	RD	_FFT_UL1[7]	V	8. Harmonic U L1
407	float	RD	_FFT_UL1[8]	V	9. Harmonic U L1
409	float	RD	_FFT_UL1[9]	V	10. Harmonic U L1
411	float	RD	_FFT_UL1[10]	V	11. Harmonic U L1
413	float	RD	_FFT_UL1[11]	V	12. Harmonic U L1
415	float	RD	_FFT_UL1[12]	V	13. Harmonic U L1
417	float	RD	_FFT_UL1[13]	V	14. Harmonic U L1
419	float	RD	_FFT_UL1[14]	V	15. Harmonic U L1
421	float	RD	_FFT_UL1[15]	V	16. Harmonic U L1
423	float	RD	_FFT_UL1[16]	V	17. Harmonic U L1
425	float	RD	_FFT_UL1[17]	V	18. Harmonic U L1
427	float	RD	_FFT_UL1[18]	V	19. Harmonic U L1
429	float	RD	_FFT_UL1[19]	V	20. Harmonic U L1
431	float	RD	_FFT_UL1[20]	V	21. Harmonic U L1
433	float	RD	_FFT_UL1[21]	V	22. Harmonic U L1
435	float	RD	_FFT_UL1[22]	V	23. Harmonic U L1
437	float	RD	_FFT_UL1[23]	V	24. Harmonic U L1
439	float	RD	_FFT_UL1[24]	V	25. Harmonic U L1
441	float	RD	_FFT_UL1[25]	V	26. Harmonic U L1
443	float	RD	_FFT_UL1[26]	V	27. Harmonic U L1
445	float	RD	_FFT_UL1[27]	V	28. Harmonic U L1
447	float	RD	_FFT_UL1[28]	V	29. Harmonic U L1
449	float	RD	_FFT_UL1[29]	V	30. Harmonic U L1
451	float	RD	_FFT_UL1[30]	V	31. Harmonic U L1
453	float	RD	_FFT_UL1[31]	V	32. Harmonic U L1
455	float	RD	_FFT_UL1[32]	V	33. Harmonic U L1
457	float	RD	_FFT_UL1[33]	V	34. Harmonic U L1
459	float	RD	_FFT_UL1[34]	V	35. Harmonic U L1
461	float	RD	_FFT_UL1[35]	V	36. Harmonic U L1
463	float	RD	_FFT_UL1[36]	V	37. Harmonic U L1
465	float	RD	_FFT_UL1[37]	V	38. Harmonic U L1
467	float	RD	_FFT_UL1[38]	V	39. Harmonic U L1
469	float	RD	_FFT_UL1[39]	V	40. Harmonic U L1
471	float	RD	_FFT_UL1[40]	V	41. Harmonic U L1
473	float	RD	_FFT_UL1[41]	V	42. Harmonic U L1
475	float	RD	_FFT_UL1[42]	V	43. Harmonic U L1
477	float	RD	_FFT_UL1[43]	V	44. Harmonic U L1
479	float	RD	_FFT_UL1[44]	V	45. Harmonic U L1
481	float	RD	_FFT_UL1[45]	V	46. Harmonic U L1
483	float	RD	_FFT_UL1[46]	V	47. Harmonic U L1
485	float	RD	_FFT_UL1[47]	V	48. Harmonic U L1
487	float	RD	_FFT_UL1[48]	V	49. Harmonic U L1
489	float	RD	_FFT_UL1[49]	V	50. Harmonic U L1
491	float	RD	_FFT_UL1[50]	V	51. Harmonic U L1
493	float	RD	_FFT_UL1[51]	V	52. Harmonic U L1
495	float	RD	_FFT_UL1[52]	V	53. Harmonic U L1
497	float	RD	_FFT_UL1[53]	V	54. Harmonic U L1
499	float	RD	_FFT_UL1[54]	V	55. Harmonic U L1
501	float	RD	_FFT_UL1[55]	V	56. Harmonic U L1
503	float	RD	_FFT_UL1[56]	V	57. Harmonic U L1
505	float	RD	_FFT_UL1[57]	V	58. Harmonic U L1
507	float	RD	_FFT_UL1[58]	V	59. Harmonic U L1
509	float	RD	_FFT_UL1[59]	V	60. Harmonic U L1
511	float	RD	_FFT_UL1[60]	V	61. Harmonic U L1
513	float	RD	_FFT_UL1[61]	V	62. Harmonic U L1
515	float	RD	_FFT_UL1[62]	V	63. Harmonic U L1
517	float	RD	_FFT_UL2[0]	V	1. Harmonic U L2
519	float	RD	_FFT_UL2[1]	V	2. Harmonic U L2
521	float	RD	_FFT_UL2[2]	V	3. Harmonic U L2
523	float	RD	_FFT_UL2[3]	V	4. Harmonic U L2

Address	Format	RD/WR	Designation	Unit	Note
525	float	RD	_FFT_UL2[4]	V	5. Harmonic U L2
527	float	RD	_FFT_UL2[5]	V	6. Harmonic U L2
529	float	RD	_FFT_UL2[6]	V	7. Harmonic U L2
531	float	RD	_FFT_UL2[7]	V	8. Harmonic U L2
533	float	RD	_FFT_UL2[8]	V	9. Harmonic U L2
535	float	RD	_FFT_UL2[9]	V	10. Harmonic U L2
537	float	RD	_FFT_UL2[10]	V	11. Harmonic U L2
539	float	RD	_FFT_UL2[11]	V	12. Harmonic U L2
541	float	RD	_FFT_UL2[12]	V	13. Harmonic U L2
543	float	RD	_FFT_UL2[13]	V	14. Harmonic U L2
545	float	RD	_FFT_UL2[14]	V	15. Harmonic U L2
547	float	RD	_FFT_UL2[15]	V	16. Harmonic U L2
549	float	RD	_FFT_UL2[16]	V	17. Harmonic U L2
551	float	RD	_FFT_UL2[17]	V	18. Harmonic U L2
553	float	RD	_FFT_UL2[18]	V	19. Harmonic U L2
555	float	RD	_FFT_UL2[19]	V	20. Harmonic U L2
557	float	RD	_FFT_UL2[20]	V	21. Harmonic U L2
559	float	RD	_FFT_UL2[21]	V	22. Harmonic U L2
561	float	RD	_FFT_UL2[22]	V	23. Harmonic U L2
563	float	RD	_FFT_UL2[23]	V	24. Harmonic U L2
565	float	RD	_FFT_UL2[24]	V	25. Harmonic U L2
567	float	RD	_FFT_UL2[25]	V	26. Harmonic U L2
569	float	RD	_FFT_UL2[26]	V	27. Harmonic U L2
571	float	RD	_FFT_UL2[27]	V	28. Harmonic U L2
573	float	RD	_FFT_UL2[28]	V	29. Harmonic U L2
575	float	RD	_FFT_UL2[29]	V	30. Harmonic U L2
577	float	RD	_FFT_UL2[30]	V	31. Harmonic U L2
579	float	RD	_FFT_UL2[31]	V	32. Harmonic U L2
581	float	RD	_FFT_UL2[32]	V	33. Harmonic U L2
583	float	RD	_FFT_UL2[33]	V	34. Harmonic U L2
585	float	RD	_FFT_UL2[34]	V	35. Harmonic U L2
587	float	RD	_FFT_UL2[35]	V	36. Harmonic U L2
589	float	RD	_FFT_UL2[36]	V	37. Harmonic U L2
591	float	RD	_FFT_UL2[37]	V	38. Harmonic U L2
593	float	RD	_FFT_UL2[38]	V	39. Harmonic U L2
595	float	RD	_FFT_UL2[39]	V	40. Harmonic U L2
597	float	RD	_FFT_UL2[40]	V	41. Harmonic U L2
599	float	RD	_FFT_UL2[41]	V	42. Harmonic U L2
601	float	RD	_FFT_UL2[42]	V	43. Harmonic U L2
603	float	RD	_FFT_UL2[43]	V	44. Harmonic U L2
605	float	RD	_FFT_UL2[44]	V	45. Harmonic U L2
607	float	RD	_FFT_UL2[45]	V	46. Harmonic U L2
609	float	RD	_FFT_UL2[46]	V	47. Harmonic U L2
611	float	RD	_FFT_UL2[47]	V	48. Harmonic U L2
613	float	RD	_FFT_UL2[48]	V	49. Harmonic U L2
615	float	RD	_FFT_UL2[49]	V	50. Harmonic U L2
617	float	RD	_FFT_UL2[50]	V	51. Harmonic U L2
619	float	RD	_FFT_UL2[51]	V	52. Harmonic U L2
621	float	RD	_FFT_UL2[52]	V	53. Harmonic U L2
623	float	RD	_FFT_UL2[53]	V	54. Harmonic U L2
625	float	RD	_FFT_UL2[54]	V	55. Harmonic U L2
627	float	RD	_FFT_UL2[55]	V	56. Harmonic U L2
629	float	RD	_FFT_UL2[56]	V	57. Harmonic U L2
631	float	RD	_FFT_UL2[57]	V	58. Harmonic U L2
633	float	RD	_FFT_UL2[58]	V	59. Harmonic U L2
635	float	RD	_FFT_UL2[59]	V	60. Harmonic U L2
637	float	RD	_FFT_UL2[60]	V	61. Harmonic U L2
639	float	RD	_FFT_UL2[61]	V	62. Harmonic U L2
641	float	RD	_FFT_UL2[62]	V	63. Harmonic U L2
643	float	RD	_FFT_UL3[0]	V	1. Harmonic U L3
645	float	RD	_FFT_UL3[1]	V	2. Harmonic U L3
647	float	RD	_FFT_UL3[2]	V	3. Harmonic U L3
649	float	RD	_FFT_UL3[3]	V	4. Harmonic U L3
651	float	RD	_FFT_UL3[4]	V	5. Harmonic U L3
653	float	RD	_FFT_UL3[5]	V	6. Harmonic U L3

Address	Format	RD/WR	Designation	Unit	Note
655	float	RD	_FFT_UL3[6]	V	7. Harmonic U L3
657	float	RD	_FFT_UL3[7]	V	8. Harmonic U L3
659	float	RD	_FFT_UL3[8]	V	9. Harmonic U L3
661	float	RD	_FFT_UL3[9]	V	10. Harmonic U L3
663	float	RD	_FFT_UL3[10]	V	11. Harmonic U L3
665	float	RD	_FFT_UL3[11]	V	12. Harmonic U L3
667	float	RD	_FFT_UL3[12]	V	13. Harmonic U L3
669	float	RD	_FFT_UL3[13]	V	14. Harmonic U L3
671	float	RD	_FFT_UL3[14]	V	15. Harmonic U L3
673	float	RD	_FFT_UL3[15]	V	16. Harmonic U L3
675	float	RD	_FFT_UL3[16]	V	17. Harmonic U L3
677	float	RD	_FFT_UL3[17]	V	18. Harmonic U L3
679	float	RD	_FFT_UL3[18]	V	19. Harmonic U L3
681	float	RD	_FFT_UL3[19]	V	20. Harmonic U L3
683	float	RD	_FFT_UL3[20]	V	21. Harmonic U L3
685	float	RD	_FFT_UL3[21]	V	22. Harmonic U L3
687	float	RD	_FFT_UL3[22]	V	23. Harmonic U L3
689	float	RD	_FFT_UL3[23]	V	24. Harmonic U L3
691	float	RD	_FFT_UL3[24]	V	25. Harmonic U L3
693	float	RD	_FFT_UL3[25]	V	26. Harmonic U L3
695	float	RD	_FFT_UL3[26]	V	27. Harmonic U L3
697	float	RD	_FFT_UL3[27]	V	28. Harmonic U L3
699	float	RD	_FFT_UL3[28]	V	29. Harmonic U L3
701	float	RD	_FFT_UL3[29]	V	30. Harmonic U L3
703	float	RD	_FFT_UL3[30]	V	31. Harmonic U L3
705	float	RD	_FFT_UL3[31]	V	32. Harmonic U L3
707	float	RD	_FFT_UL3[32]	V	33. Harmonic U L3
709	float	RD	_FFT_UL3[33]	V	34. Harmonic U L3
711	float	RD	_FFT_UL3[34]	V	35. Harmonic U L3
713	float	RD	_FFT_UL3[35]	V	36. Harmonic U L3
715	float	RD	_FFT_UL3[36]	V	37. Harmonic U L3
717	float	RD	_FFT_UL3[37]	V	38. Harmonic U L3
719	float	RD	_FFT_UL3[38]	V	39. Harmonic U L3
721	float	RD	_FFT_UL3[39]	V	40. Harmonic U L3
723	float	RD	_FFT_UL3[40]	V	41. Harmonic U L3
725	float	RD	_FFT_UL3[41]	V	42. Harmonic U L3
727	float	RD	_FFT_UL3[42]	V	43. Harmonic U L3
729	float	RD	_FFT_UL3[43]	V	44. Harmonic U L3
731	float	RD	_FFT_UL3[44]	V	45. Harmonic U L3
733	float	RD	_FFT_UL3[45]	V	46. Harmonic U L3
735	float	RD	_FFT_UL3[46]	V	47. Harmonic U L3
737	float	RD	_FFT_UL3[47]	V	48. Harmonic U L3
739	float	RD	_FFT_UL3[48]	V	49. Harmonic U L3
741	float	RD	_FFT_UL3[49]	V	50. Harmonic U L3
743	float	RD	_FFT_UL3[50]	V	51. Harmonic U L3
745	float	RD	_FFT_UL3[51]	V	52. Harmonic U L3
747	float	RD	_FFT_UL3[52]	V	53. Harmonic U L3
749	float	RD	_FFT_UL3[53]	V	54. Harmonic U L3
751	float	RD	_FFT_UL3[54]	V	55. Harmonic U L3
753	float	RD	_FFT_UL3[55]	V	56. Harmonic U L3
755	float	RD	_FFT_UL3[56]	V	57. Harmonic U L3
757	float	RD	_FFT_UL3[57]	V	58. Harmonic U L3
759	float	RD	_FFT_UL3[58]	V	59. Harmonic U L3
761	float	RD	_FFT_UL3[59]	V	60. Harmonic U L3
763	float	RD	_FFT_UL3[60]	V	61. Harmonic U L3
765	float	RD	_FFT_UL3[61]	V	62. Harmonic U L3
767	float	RD	_FFT_UL3[62]	V	63. Harmonic U L3
769	float	RD	_FFT_UL4[0]	V	1. Harmonic U L4
771	float	RD	_FFT_UL4[1]	V	2. Harmonic U L4
773	float	RD	_FFT_UL4[2]	V	3. Harmonic U L4
775	float	RD	_FFT_UL4[3]	V	4. Harmonic U L4
777	float	RD	_FFT_UL4[4]	V	5. Harmonic U L4
779	float	RD	_FFT_UL4[5]	V	6. Harmonic U L4
781	float	RD	_FFT_UL4[6]	V	7. Harmonic U L4
783	float	RD	_FFT_UL4[7]	V	8. Harmonic U L4

Address	Format	RD/WR	Designation	Unit	Note
785	float	RD	_FFT_UL4[8]	V	9. Harmonic U L4
787	float	RD	_FFT_UL4[9]	V	10. Harmonic U L4
789	float	RD	_FFT_UL4[10]	V	11. Harmonic U L4
791	float	RD	_FFT_UL4[11]	V	12. Harmonic U L4
793	float	RD	_FFT_UL4[12]	V	13. Harmonic U L4
795	float	RD	_FFT_UL4[13]	V	14. Harmonic U L4
797	float	RD	_FFT_UL4[14]	V	15. Harmonic U L4
799	float	RD	_FFT_UL4[15]	V	16. Harmonic U L4
801	float	RD	_FFT_UL4[16]	V	17. Harmonic U L4
803	float	RD	_FFT_UL4[17]	V	18. Harmonic U L4
805	float	RD	_FFT_UL4[18]	V	19. Harmonic U L4
807	float	RD	_FFT_UL4[19]	V	20. Harmonic U L4
809	float	RD	_FFT_UL4[20]	V	21. Harmonic U L4
811	float	RD	_FFT_UL4[21]	V	22. Harmonic U L4
813	float	RD	_FFT_UL4[22]	V	23. Harmonic U L4
815	float	RD	_FFT_UL4[23]	V	24. Harmonic U L4
817	float	RD	_FFT_UL4[24]	V	25. Harmonic U L4
819	float	RD	_FFT_UL4[25]	V	26. Harmonic U L4
821	float	RD	_FFT_UL4[26]	V	27. Harmonic U L4
823	float	RD	_FFT_UL4[27]	V	28. Harmonic U L4
825	float	RD	_FFT_UL4[28]	V	29. Harmonic U L4
827	float	RD	_FFT_UL4[29]	V	30. Harmonic U L4
829	float	RD	_FFT_UL4[30]	V	31. Harmonic U L4
831	float	RD	_FFT_UL4[31]	V	32. Harmonic U L4
833	float	RD	_FFT_UL4[32]	V	33. Harmonic U L4
835	float	RD	_FFT_UL4[33]	V	34. Harmonic U L4
837	float	RD	_FFT_UL4[34]	V	35. Harmonic U L4
839	float	RD	_FFT_UL4[35]	V	36. Harmonic U L4
841	float	RD	_FFT_UL4[36]	V	37. Harmonic U L4
843	float	RD	_FFT_UL4[37]	V	38. Harmonic U L4
845	float	RD	_FFT_UL4[38]	V	39. Harmonic U L4
847	float	RD	_FFT_UL4[39]	V	40. Harmonic U L4
849	float	RD	_FFT_UL4[40]	V	41. Harmonic U L4
851	float	RD	_FFT_UL4[41]	V	42. Harmonic U L4
853	float	RD	_FFT_UL4[42]	V	43. Harmonic U L4
855	float	RD	_FFT_UL4[43]	V	44. Harmonic U L4
857	float	RD	_FFT_UL4[44]	V	45. Harmonic U L4
859	float	RD	_FFT_UL4[45]	V	46. Harmonic U L4
861	float	RD	_FFT_UL4[46]	V	47. Harmonic U L4
863	float	RD	_FFT_UL4[47]	V	48. Harmonic U L4
865	float	RD	_FFT_UL4[48]	V	49. Harmonic U L4
867	float	RD	_FFT_UL4[49]	V	50. Harmonic U L4
869	float	RD	_FFT_UL4[50]	V	51. Harmonic U L4
871	float	RD	_FFT_UL4[51]	V	52. Harmonic U L4
873	float	RD	_FFT_UL4[52]	V	53. Harmonic U L4
875	float	RD	_FFT_UL4[53]	V	54. Harmonic U L4
877	float	RD	_FFT_UL4[54]	V	55. Harmonic U L4
879	float	RD	_FFT_UL4[55]	V	56. Harmonic U L4
881	float	RD	_FFT_UL4[56]	V	57. Harmonic U L4
883	float	RD	_FFT_UL4[57]	V	58. Harmonic U L4
885	float	RD	_FFT_UL4[58]	V	59. Harmonic U L4
887	float	RD	_FFT_UL4[59]	V	60. Harmonic U L4
889	float	RD	_FFT_UL4[60]	V	61. Harmonic U L4
891	float	RD	_FFT_UL4[61]	V	62. Harmonic U L4
893	float	RD	_FFT_UL4[62]	V	63. Harmonic U L4
895	float	RD	_FFT_IL1[0]	A	Harmonic I L1
897	float	RD	_FFT_IL1[1]	A	Harmonic I L1
899	float	RD	_FFT_IL1[2]	A	Harmonic I L1
901	float	RD	_FFT_IL1[3]	A	Harmonic I L1
903	float	RD	_FFT_IL1[4]	A	Harmonic I L1
905	float	RD	_FFT_IL1[5]	A	Harmonic I L1
907	float	RD	_FFT_IL1[6]	A	Harmonic I L1
909	float	RD	_FFT_IL1[7]	A	Harmonic I L1
911	float	RD	_FFT_IL1[8]	A	Harmonic I L1

Address	Format	RD/WR	Designation	Unit	Note
913	float	RD	_FFT_IL1[9]	A	Harmonic I L1
915	float	RD	_FFT_IL1[10]	A	Harmonic I L1
917	float	RD	_FFT_IL1[11]	A	Harmonic I L1
919	float	RD	_FFT_IL1[12]	A	Harmonic I L1
921	float	RD	_FFT_IL1[13]	A	Harmonic I L1
923	float	RD	_FFT_IL1[14]	A	Harmonic I L1
925	float	RD	_FFT_IL1[15]	A	Harmonic I L1
927	float	RD	_FFT_IL1[16]	A	Harmonic I L1
929	float	RD	_FFT_IL1[17]	A	Harmonic I L1
931	float	RD	_FFT_IL1[18]	A	Harmonic I L1
933	float	RD	_FFT_IL1[19]	A	Harmonic I L1
935	float	RD	_FFT_IL1[20]	A	Harmonic I L1
937	float	RD	_FFT_IL1[21]	A	Harmonic I L1
939	float	RD	_FFT_IL1[22]	A	Harmonic I L1
941	float	RD	_FFT_IL1[23]	A	Harmonic I L1
943	float	RD	_FFT_IL1[24]	A	Harmonic I L1
945	float	RD	_FFT_IL1[25]	A	Harmonic I L1
947	float	RD	_FFT_IL1[26]	A	Harmonic I L1
949	float	RD	_FFT_IL1[27]	A	Harmonic I L1
951	float	RD	_FFT_IL1[28]	A	Harmonic I L1
953	float	RD	_FFT_IL1[29]	A	Harmonic I L1
955	float	RD	_FFT_IL1[30]	A	Harmonic I L1
957	float	RD	_FFT_IL1[31]	A	Harmonic I L1
959	float	RD	_FFT_IL1[32]	A	Harmonic I L1
961	float	RD	_FFT_IL1[33]	A	Harmonic I L1
963	float	RD	_FFT_IL1[34]	A	Harmonic I L1
965	float	RD	_FFT_IL1[35]	A	Harmonic I L1
967	float	RD	_FFT_IL1[36]	A	Harmonic I L1
969	float	RD	_FFT_IL1[37]	A	Harmonic I L1
971	float	RD	_FFT_IL1[38]	A	Harmonic I L1
973	float	RD	_FFT_IL1[39]	A	Harmonic I L1
975	float	RD	_FFT_IL1[40]	A	Harmonic I L1
977	float	RD	_FFT_IL1[41]	A	Harmonic I L1
979	float	RD	_FFT_IL1[42]	A	Harmonic I L1
981	float	RD	_FFT_IL1[43]	A	Harmonic I L1
983	float	RD	_FFT_IL1[44]	A	Harmonic I L1
985	float	RD	_FFT_IL1[45]	A	Harmonic I L1
987	float	RD	_FFT_IL1[46]	A	Harmonic I L1
989	float	RD	_FFT_IL1[47]	A	Harmonic I L1
991	float	RD	_FFT_IL1[48]	A	Harmonic I L1
993	float	RD	_FFT_IL1[49]	A	Harmonic I L1
995	float	RD	_FFT_IL1[50]	A	Harmonic I L1
997	float	RD	_FFT_IL1[51]	A	Harmonic I L1
999	float	RD	_FFT_IL1[52]	A	Harmonic I L1
1001	float	RD	_FFT_IL1[53]	A	Harmonic I L1
1003	float	RD	_FFT_IL1[54]	A	Harmonic I L1
1005	float	RD	_FFT_IL1[55]	A	Harmonic I L1
1007	float	RD	_FFT_IL1[56]	A	Harmonic I L1
1009	float	RD	_FFT_IL1[57]	A	Harmonic I L1
1011	float	RD	_FFT_IL1[58]	A	Harmonic I L1
1013	float	RD	_FFT_IL1[59]	A	Harmonic I L1
1015	float	RD	_FFT_IL1[60]	A	Harmonic I L1
1017	float	RD	_FFT_IL1[61]	A	Harmonic I L1
1019	float	RD	_FFT_IL1[62]	A	Harmonic I L1
1021	float	RD	_FFT_IL2[0]	A	Harmonic I L2
1023	float	RD	_FFT_IL2[1]	A	Harmonic I L2
1025	float	RD	_FFT_IL2[2]	A	Harmonic I L2
1027	float	RD	_FFT_IL2[3]	A	Harmonic I L2
1029	float	RD	_FFT_IL2[4]	A	Harmonic I L2
1031	float	RD	_FFT_IL2[5]	A	Harmonic I L2
1033	float	RD	_FFT_IL2[6]	A	Harmonic I L2
1035	float	RD	_FFT_IL2[7]	A	Harmonic I L2
1037	float	RD	_FFT_IL2[8]	A	Harmonic I L2
1039	float	RD	_FFT_IL2[9]	A	Harmonic I L2
1041	float	RD	_FFT_IL2[10]	A	Harmonic I L2

Address	Format	RD/WR	Designation	Unit	Note
1043	float	RD	_FFT_IL2[11]	A	Harmonic I L2
1045	float	RD	_FFT_IL2[12]	A	Harmonic I L2
1047	float	RD	_FFT_IL2[13]	A	Harmonic I L2
1049	float	RD	_FFT_IL2[14]	A	Harmonic I L2
1051	float	RD	_FFT_IL2[15]	A	Harmonic I L2
1053	float	RD	_FFT_IL2[16]	A	Harmonic I L2
1055	float	RD	_FFT_IL2[17]	A	Harmonic I L2
1057	float	RD	_FFT_IL2[18]	A	Harmonic I L2
1059	float	RD	_FFT_IL2[19]	A	Harmonic I L2
1061	float	RD	_FFT_IL2[20]	A	Harmonic I L2
1063	float	RD	_FFT_IL2[21]	A	Harmonic I L2
1065	float	RD	_FFT_IL2[22]	A	Harmonic I L2
1067	float	RD	_FFT_IL2[23]	A	Harmonic I L2
1069	float	RD	_FFT_IL2[24]	A	Harmonic I L2
1071	float	RD	_FFT_IL2[25]	A	Harmonic I L2
1073	float	RD	_FFT_IL2[26]	A	Harmonic I L2
1075	float	RD	_FFT_IL2[27]	A	Harmonic I L2
1077	float	RD	_FFT_IL2[28]	A	Harmonic I L2
1079	float	RD	_FFT_IL2[29]	A	Harmonic I L2
1081	float	RD	_FFT_IL2[30]	A	Harmonic I L2
1083	float	RD	_FFT_IL2[31]	A	Harmonic I L2
1085	float	RD	_FFT_IL2[32]	A	Harmonic I L2
1087	float	RD	_FFT_IL2[33]	A	Harmonic I L2
1089	float	RD	_FFT_IL2[34]	A	Harmonic I L2
1091	float	RD	_FFT_IL2[35]	A	Harmonic I L2
1093	float	RD	_FFT_IL2[36]	A	Harmonic I L2
1095	float	RD	_FFT_IL2[37]	A	Harmonic I L2
1097	float	RD	_FFT_IL2[38]	A	Harmonic I L2
1099	float	RD	_FFT_IL2[39]	A	Harmonic I L2
1101	float	RD	_FFT_IL2[40]	A	Harmonic I L2
1103	float	RD	_FFT_IL2[41]	A	Harmonic I L2
1105	float	RD	_FFT_IL2[42]	A	Harmonic I L2
1107	float	RD	_FFT_IL2[43]	A	Harmonic I L2
1109	float	RD	_FFT_IL2[44]	A	Harmonic I L2
1111	float	RD	_FFT_IL2[45]	A	Harmonic I L2
1113	float	RD	_FFT_IL2[46]	A	Harmonic I L2
1115	float	RD	_FFT_IL2[47]	A	Harmonic I L2
1117	float	RD	_FFT_IL2[48]	A	Harmonic I L2
1119	float	RD	_FFT_IL2[49]	A	Harmonic I L2
1121	float	RD	_FFT_IL2[50]	A	Harmonic I L2
1123	float	RD	_FFT_IL2[51]	A	Harmonic I L2
1125	float	RD	_FFT_IL2[52]	A	Harmonic I L2
1127	float	RD	_FFT_IL2[53]	A	Harmonic I L2
1129	float	RD	_FFT_IL2[54]	A	Harmonic I L2
1131	float	RD	_FFT_IL2[55]	A	Harmonic I L2
1133	float	RD	_FFT_IL2[56]	A	Harmonic I L2
1135	float	RD	_FFT_IL2[57]	A	Harmonic I L2
1137	float	RD	_FFT_IL2[58]	A	Harmonic I L2
1139	float	RD	_FFT_IL2[59]	A	Harmonic I L2
1141	float	RD	_FFT_IL2[60]	A	Harmonic I L2
1143	float	RD	_FFT_IL2[61]	A	Harmonic I L2
1145	float	RD	_FFT_IL2[62]	A	Harmonic I L2
1147	float	RD	_FFT_IL3[0]	A	Harmonic I L3
1149	float	RD	_FFT_IL3[1]	A	Harmonic I L3
1151	float	RD	_FFT_IL3[2]	A	Harmonic I L3
1153	float	RD	_FFT_IL3[3]	A	Harmonic I L3
1155	float	RD	_FFT_IL3[4]	A	Harmonic I L3
1157	float	RD	_FFT_IL3[5]	A	Harmonic I L3
1159	float	RD	_FFT_IL3[6]	A	Harmonic I L3
1161	float	RD	_FFT_IL3[7]	A	Harmonic I L3
1163	float	RD	_FFT_IL3[8]	A	Harmonic I L3
1165	float	RD	_FFT_IL3[9]	A	Harmonic I L3
1167	float	RD	_FFT_IL3[10]	A	Harmonic I L3
1169	float	RD	_FFT_IL3[11]	A	Harmonic I L3
1171	float	RD	_FFT_IL3[12]	A	Harmonic I L3

Address	Format	RD/WR	Designation	Unit	Note
1173	float	RD	_FFT_IL3[13]	A	Harmonic I L3
1175	float	RD	_FFT_IL3[14]	A	Harmonic I L3
1177	float	RD	_FFT_IL3[15]	A	Harmonic I L3
1179	float	RD	_FFT_IL3[16]	A	Harmonic I L3
1181	float	RD	_FFT_IL3[17]	A	Harmonic I L3
1183	float	RD	_FFT_IL3[18]	A	Harmonic I L3
1185	float	RD	_FFT_IL3[19]	A	Harmonic I L3
1187	float	RD	_FFT_IL3[20]	A	Harmonic I L3
1189	float	RD	_FFT_IL3[21]	A	Harmonic I L3
1191	float	RD	_FFT_IL3[22]	A	Harmonic I L3
1193	float	RD	_FFT_IL3[23]	A	Harmonic I L3
1195	float	RD	_FFT_IL3[24]	A	Harmonic I L3
1197	float	RD	_FFT_IL3[25]	A	Harmonic I L3
1199	float	RD	_FFT_IL3[26]	A	Harmonic I L3
1201	float	RD	_FFT_IL3[27]	A	Harmonic I L3
1203	float	RD	_FFT_IL3[28]	A	Harmonic I L3
1205	float	RD	_FFT_IL3[29]	A	Harmonic I L3
1207	float	RD	_FFT_IL3[30]	A	Harmonic I L3
1209	float	RD	_FFT_IL3[31]	A	Harmonic I L3
1211	float	RD	_FFT_IL3[32]	A	Harmonic I L3
1213	float	RD	_FFT_IL3[33]	A	Harmonic I L3
1215	float	RD	_FFT_IL3[34]	A	Harmonic I L3
1217	float	RD	_FFT_IL3[35]	A	Harmonic I L3
1219	float	RD	_FFT_IL3[36]	A	Harmonic I L3
1221	float	RD	_FFT_IL3[37]	A	Harmonic I L3
1223	float	RD	_FFT_IL3[38]	A	Harmonic I L3
1225	float	RD	_FFT_IL3[39]	A	Harmonic I L3
1227	float	RD	_FFT_IL3[40]	A	Harmonic I L3
1229	float	RD	_FFT_IL3[41]	A	Harmonic I L3
1231	float	RD	_FFT_IL3[42]	A	Harmonic I L3
1233	float	RD	_FFT_IL3[43]	A	Harmonic I L3
1235	float	RD	_FFT_IL3[44]	A	Harmonic I L3
1237	float	RD	_FFT_IL3[45]	A	Harmonic I L3
1239	float	RD	_FFT_IL3[46]	A	Harmonic I L3
1241	float	RD	_FFT_IL3[47]	A	Harmonic I L3
1243	float	RD	_FFT_IL3[48]	A	Harmonic I L3
1245	float	RD	_FFT_IL3[49]	A	Harmonic I L3
1247	float	RD	_FFT_IL3[50]	A	Harmonic I L3
1249	float	RD	_FFT_IL3[51]	A	Harmonic I L3
1251	float	RD	_FFT_IL3[52]	A	Harmonic I L3
1253	float	RD	_FFT_IL3[53]	A	Harmonic I L3
1255	float	RD	_FFT_IL3[54]	A	Harmonic I L3
1257	float	RD	_FFT_IL3[55]	A	Harmonic I L3
1259	float	RD	_FFT_IL3[56]	A	Harmonic I L3
1261	float	RD	_FFT_IL3[57]	A	Harmonic I L3
1263	float	RD	_FFT_IL3[58]	A	Harmonic I L3
1265	float	RD	_FFT_IL3[59]	A	Harmonic I L3
1267	float	RD	_FFT_IL3[60]	A	Harmonic I L3
1269	float	RD	_FFT_IL3[61]	A	Harmonic I L3
1271	float	RD	_FFT_IL3[62]	A	Harmonic I L3
1273	float	RD	_FFT_IL4[0]	A	Harmonic I L4
1275	float	RD	_FFT_IL4[1]	A	Harmonic I L4
1277	float	RD	_FFT_IL4[2]	A	Harmonic I L4
1279	float	RD	_FFT_IL4[3]	A	Harmonic I L4
1281	float	RD	_FFT_IL4[4]	A	Harmonic I L4
1283	float	RD	_FFT_IL4[5]	A	Harmonic I L4
1285	float	RD	_FFT_IL4[6]	A	Harmonic I L4
1287	float	RD	_FFT_IL4[7]	A	Harmonic I L4
1289	float	RD	_FFT_IL4[8]	A	Harmonic I L4
1291	float	RD	_FFT_IL4[9]	A	Harmonic I L4
1293	float	RD	_FFT_IL4[10]	A	Harmonic I L4
1295	float	RD	_FFT_IL4[11]	A	Harmonic I L4
1297	float	RD	_FFT_IL4[12]	A	Harmonic I L4
1299	float	RD	_FFT_IL4[13]	A	Harmonic I L4
1301	float	RD	_FFT_IL4[14]	A	Harmonic I L4

Address	Format	RD/WR	Designation	Unit	Note
1303	float	RD	_FFT_IL4[15]	A	Harmonic I L4
1305	float	RD	_FFT_IL4[16]	A	Harmonic I L4
1307	float	RD	_FFT_IL4[17]	A	Harmonic I L4
1309	float	RD	_FFT_IL4[18]	A	Harmonic I L4
1311	float	RD	_FFT_IL4[19]	A	Harmonic I L4
1313	float	RD	_FFT_IL4[20]	A	Harmonic I L4
1315	float	RD	_FFT_IL4[21]	A	Harmonic I L4
1317	float	RD	_FFT_IL4[22]	A	Harmonic I L4
1319	float	RD	_FFT_IL4[23]	A	Harmonic I L4
1321	float	RD	_FFT_IL4[24]	A	Harmonic I L4
1323	float	RD	_FFT_IL4[25]	A	Harmonic I L4
1325	float	RD	_FFT_IL4[26]	A	Harmonic I L4
1327	float	RD	_FFT_IL4[27]	A	Harmonic I L4
1329	float	RD	_FFT_IL4[28]	A	Harmonic I L4
1331	float	RD	_FFT_IL4[29]	A	Harmonic I L4
1333	float	RD	_FFT_IL4[30]	A	Harmonic I L4
1335	float	RD	_FFT_IL4[31]	A	Harmonic I L4
1337	float	RD	_FFT_IL4[32]	A	Harmonic I L4
1339	float	RD	_FFT_IL4[33]	A	Harmonic I L4
1341	float	RD	_FFT_IL4[34]	A	Harmonic I L4
1343	float	RD	_FFT_IL4[35]	A	Harmonic I L4
1345	float	RD	_FFT_IL4[36]	A	Harmonic I L4
1347	float	RD	_FFT_IL4[37]	A	Harmonic I L4
1349	float	RD	_FFT_IL4[38]	A	Harmonic I L4
1351	float	RD	_FFT_IL4[39]	A	Harmonic I L4
1353	float	RD	_FFT_IL4[40]	A	Harmonic I L4
1355	float	RD	_FFT_IL4[41]	A	Harmonic I L4
1357	float	RD	_FFT_IL4[42]	A	Harmonic I L4
1359	float	RD	_FFT_IL4[43]	A	Harmonic I L4
1361	float	RD	_FFT_IL4[44]	A	Harmonic I L4
1363	float	RD	_FFT_IL4[45]	A	Harmonic I L4
1365	float	RD	_FFT_IL4[46]	A	Harmonic I L4
1367	float	RD	_FFT_IL4[47]	A	Harmonic I L4
1369	float	RD	_FFT_IL4[48]	A	Harmonic I L4
1371	float	RD	_FFT_IL4[49]	A	Harmonic I L4
1373	float	RD	_FFT_IL4[50]	A	Harmonic I L4
1375	float	RD	_FFT_IL4[51]	A	Harmonic I L4
1377	float	RD	_FFT_IL4[52]	A	Harmonic I L4
1379	float	RD	_FFT_IL4[53]	A	Harmonic I L4
1381	float	RD	_FFT_IL4[54]	A	Harmonic I L4
1383	float	RD	_FFT_IL4[55]	A	Harmonic I L4
1385	float	RD	_FFT_IL4[56]	A	Harmonic I L4
1387	float	RD	_FFT_IL4[57]	A	Harmonic I L4
1389	float	RD	_FFT_IL4[58]	A	Harmonic I L4
1391	float	RD	_FFT_IL4[59]	A	Harmonic I L4
1393	float	RD	_FFT_IL4[60]	A	Harmonic I L4
1395	float	RD	_FFT_IL4[61]	A	Harmonic I L4
1397	float	RD	_FFT_IL4[62]	A	Harmonic I L4
1399	float	RD	_FFT_PL1[0]	W	Harmonic P L1
1401	float	RD	_FFT_PL1[1]	W	Harmonic P L1
1403	float	RD	_FFT_PL1[2]	W	Harmonic P L1
1405	float	RD	_FFT_PL1[3]	W	Harmonic P L1
1407	float	RD	_FFT_PL1[4]	W	Harmonic P L1
1409	float	RD	_FFT_PL1[5]	W	Harmonic P L1
1411	float	RD	_FFT_PL1[6]	W	Harmonic P L1
1413	float	RD	_FFT_PL1[7]	W	Harmonic P L1
1415	float	RD	_FFT_PL1[8]	W	Harmonic P L1
1417	float	RD	_FFT_PL1[9]	W	Harmonic P L1
1419	float	RD	_FFT_PL1[10]	W	Harmonic P L1
1421	float	RD	_FFT_PL1[11]	W	Harmonic P L1
1423	float	RD	_FFT_PL1[12]	W	Harmonic P L1

Address	Format	RD/WR	Designation	Unit	Note
1425	float	RD	_FFT_PL1[13]	W	Harmonic P L1
1427	float	RD	_FFT_PL1[14]	W	Harmonic P L1
1429	float	RD	_FFT_PL1[15]	W	Harmonic P L1
1431	float	RD	_FFT_PL1[16]	W	Harmonic P L1
1433	float	RD	_FFT_PL1[17]	W	Harmonic P L1
1435	float	RD	_FFT_PL1[18]	W	Harmonic P L1
1437	float	RD	_FFT_PL1[19]	W	Harmonic P L1
1439	float	RD	_FFT_PL1[20]	W	Harmonic P L1
1441	float	RD	_FFT_PL1[21]	W	Harmonic P L1
1443	float	RD	_FFT_PL1[22]	W	Harmonic P L1
1445	float	RD	_FFT_PL1[23]	W	Harmonic P L1
1447	float	RD	_FFT_PL1[24]	W	Harmonic P L1
1449	float	RD	_FFT_PL1[25]	W	Harmonic P L1
1451	float	RD	_FFT_PL1[26]	W	Harmonic P L1
1453	float	RD	_FFT_PL1[27]	W	Harmonic P L1
1455	float	RD	_FFT_PL1[28]	W	Harmonic P L1
1457	float	RD	_FFT_PL1[29]	W	Harmonic P L1
1459	float	RD	_FFT_PL1[30]	W	Harmonic P L1
1461	float	RD	_FFT_PL1[31]	W	Harmonic P L1
1463	float	RD	_FFT_PL1[32]	W	Harmonic P L1
1465	float	RD	_FFT_PL1[33]	W	Harmonic P L1
1467	float	RD	_FFT_PL1[34]	W	Harmonic P L1
1469	float	RD	_FFT_PL1[35]	W	Harmonic P L1
1471	float	RD	_FFT_PL1[36]	W	Harmonic P L1
1473	float	RD	_FFT_PL1[37]	W	Harmonic P L1
1475	float	RD	_FFT_PL1[38]	W	Harmonic P L1
1477	float	RD	_FFT_PL1[39]	W	Harmonic P L1
1479	float	RD	_FFT_PL1[40]	W	Harmonic P L1
1481	float	RD	_FFT_PL1[41]	W	Harmonic P L1
1483	float	RD	_FFT_PL1[42]	W	Harmonic P L1
1485	float	RD	_FFT_PL1[43]	W	Harmonic P L1
1487	float	RD	_FFT_PL1[44]	W	Harmonic P L1
1489	float	RD	_FFT_PL1[45]	W	Harmonic P L1
1491	float	RD	_FFT_PL1[46]	W	Harmonic P L1
1493	float	RD	_FFT_PL1[47]	W	Harmonic P L1
1495	float	RD	_FFT_PL1[48]	W	Harmonic P L1
1497	float	RD	_FFT_PL1[49]	W	Harmonic P L1
1499	float	RD	_FFT_PL1[50]	W	Harmonic P L1
1501	float	RD	_FFT_PL1[51]	W	Harmonic P L1
1503	float	RD	_FFT_PL1[52]	W	Harmonic P L1
1505	float	RD	_FFT_PL1[53]	W	Harmonic P L1
1507	float	RD	_FFT_PL1[54]	W	Harmonic P L1
1509	float	RD	_FFT_PL1[55]	W	Harmonic P L1
1511	float	RD	_FFT_PL1[56]	W	Harmonic P L1
1513	float	RD	_FFT_PL1[57]	W	Harmonic P L1
1515	float	RD	_FFT_PL1[58]	W	Harmonic P L1
1517	float	RD	_FFT_PL1[59]	W	Harmonic P L1
1519	float	RD	_FFT_PL1[60]	W	Harmonic P L1
1521	float	RD	_FFT_PL1[61]	W	Harmonic P L1
1523	float	RD	_FFT_PL1[62]	W	Harmonic P L1
1525	float	RD	_FFT_PL2[0]	W	Harmonic P L2
1527	float	RD	_FFT_PL2[1]	W	Harmonic P L2
1529	float	RD	_FFT_PL2[2]	W	Harmonic P L2
1531	float	RD	_FFT_PL2[3]	W	Harmonic P L2
1533	float	RD	_FFT_PL2[4]	W	Harmonic P L2
1535	float	RD	_FFT_PL2[5]	W	Harmonic P L2
1537	float	RD	_FFT_PL2[6]	W	Harmonic P L2
1539	float	RD	_FFT_PL2[7]	W	Harmonic P L2
1541	float	RD	_FFT_PL2[8]	W	Harmonic P L2
1543	float	RD	_FFT_PL2[9]	W	Harmonic P L2
1545	float	RD	_FFT_PL2[10]	W	Harmonic P L2
1547	float	RD	_FFT_PL2[11]	W	Harmonic P L2
1549	float	RD	_FFT_PL2[12]	W	Harmonic P L2
1551	float	RD	_FFT_PL2[13]	W	Harmonic P L2
1553	float	RD	_FFT_PL2[14]	W	Harmonic P L2

Address	Format	RD/WR	Designation	Unit	Note
1555	float	RD	_FFT_PL2[15]	W	Harmonic P L2
1557	float	RD	_FFT_PL2[16]	W	Harmonic P L2
1559	float	RD	_FFT_PL2[17]	W	Harmonic P L2
1561	float	RD	_FFT_PL2[18]	W	Harmonic P L2
1563	float	RD	_FFT_PL2[19]	W	Harmonic P L2
1565	float	RD	_FFT_PL2[20]	W	Harmonic P L2
1567	float	RD	_FFT_PL2[21]	W	Harmonic P L2
1569	float	RD	_FFT_PL2[22]	W	Harmonic P L2
1571	float	RD	_FFT_PL2[23]	W	Harmonic P L2
1573	float	RD	_FFT_PL2[24]	W	Harmonic P L2
1575	float	RD	_FFT_PL2[25]	W	Harmonic P L2
1577	float	RD	_FFT_PL2[26]	W	Harmonic P L2
1579	float	RD	_FFT_PL2[27]	W	Harmonic P L2
1581	float	RD	_FFT_PL2[28]	W	Harmonic P L2
1583	float	RD	_FFT_PL2[29]	W	Harmonic P L2
1585	float	RD	_FFT_PL2[30]	W	Harmonic P L2
1587	float	RD	_FFT_PL2[31]	W	Harmonic P L2
1589	float	RD	_FFT_PL2[32]	W	Harmonic P L2
1591	float	RD	_FFT_PL2[33]	W	Harmonic P L2
1593	float	RD	_FFT_PL2[34]	W	Harmonic P L2
1595	float	RD	_FFT_PL2[35]	W	Harmonic P L2
1597	float	RD	_FFT_PL2[36]	W	Harmonic P L2
1599	float	RD	_FFT_PL2[37]	W	Harmonic P L2
1601	float	RD	_FFT_PL2[38]	W	Harmonic P L2
1603	float	RD	_FFT_PL2[39]	W	Harmonic P L2
1605	float	RD	_FFT_PL2[40]	W	Harmonic P L2
1607	float	RD	_FFT_PL2[41]	W	Harmonic P L2
1609	float	RD	_FFT_PL2[42]	W	Harmonic P L2
1611	float	RD	_FFT_PL2[43]	W	Harmonic P L2
1613	float	RD	_FFT_PL2[44]	W	Harmonic P L2
1615	float	RD	_FFT_PL2[45]	W	Harmonic P L2
1617	float	RD	_FFT_PL2[46]	W	Harmonic P L2
1619	float	RD	_FFT_PL2[47]	W	Harmonic P L2
1621	float	RD	_FFT_PL2[48]	W	Harmonic P L2
1623	float	RD	_FFT_PL2[49]	W	Harmonic P L2
1625	float	RD	_FFT_PL2[50]	W	Harmonic P L2
1627	float	RD	_FFT_PL2[51]	W	Harmonic P L2
1629	float	RD	_FFT_PL2[52]	W	Harmonic P L2
1631	float	RD	_FFT_PL2[53]	W	Harmonic P L2
1633	float	RD	_FFT_PL2[54]	W	Harmonic P L2
1635	float	RD	_FFT_PL2[55]	W	Harmonic P L2
1637	float	RD	_FFT_PL2[56]	W	Harmonic P L2
1639	float	RD	_FFT_PL2[57]	W	Harmonic P L2
1641	float	RD	_FFT_PL2[58]	W	Harmonic P L2
1643	float	RD	_FFT_PL2[59]	W	Harmonic P L2
1645	float	RD	_FFT_PL2[60]	W	Harmonic P L2
1647	float	RD	_FFT_PL2[61]	W	Harmonic P L2
1649	float	RD	_FFT_PL2[62]	W	Harmonic P L2
1651	float	RD	_FFT_PL3[0]	W	Harmonic P L3
1653	float	RD	_FFT_PL3[1]	W	Harmonic P L3
1655	float	RD	_FFT_PL3[2]	W	Harmonic P L3
1657	float	RD	_FFT_PL3[3]	W	Harmonic P L3
1659	float	RD	_FFT_PL3[4]	W	Harmonic P L3
1661	float	RD	_FFT_PL3[5]	W	Harmonic P L3
1663	float	RD	_FFT_PL3[6]	W	Harmonic P L3
1665	float	RD	_FFT_PL3[7]	W	Harmonic P L3
1667	float	RD	_FFT_PL3[8]	W	Harmonic P L3
1669	float	RD	_FFT_PL3[9]	W	Harmonic P L3
1671	float	RD	_FFT_PL3[10]	W	Harmonic P L3
1673	float	RD	_FFT_PL3[11]	W	Harmonic P L3
1675	float	RD	_FFT_PL3[12]	W	Harmonic P L3
1677	float	RD	_FFT_PL3[13]	W	Harmonic P L3
1679	float	RD	_FFT_PL3[14]	W	Harmonic P L3
1681	float	RD	_FFT_PL3[15]	W	Harmonic P L3
1683	float	RD	_FFT_PL3[16]	W	Harmonic P L3

Address	Format	RD/WR	Designation	Unit	Note
1685	float	RD	_FFT_PL3[17]	W	Harmonic P L3
1687	float	RD	_FFT_PL3[18]	W	Harmonic P L3
1689	float	RD	_FFT_PL3[19]	W	Harmonic P L3
1691	float	RD	_FFT_PL3[20]	W	Harmonic P L3
1693	float	RD	_FFT_PL3[21]	W	Harmonic P L3
1695	float	RD	_FFT_PL3[22]	W	Harmonic P L3
1697	float	RD	_FFT_PL3[23]	W	Harmonic P L3
1699	float	RD	_FFT_PL3[24]	W	Harmonic P L3
1701	float	RD	_FFT_PL3[25]	W	Harmonic P L3
1703	float	RD	_FFT_PL3[26]	W	Harmonic P L3
1705	float	RD	_FFT_PL3[27]	W	Harmonic P L3
1707	float	RD	_FFT_PL3[28]	W	Harmonic P L3
1709	float	RD	_FFT_PL3[29]	W	Harmonic P L3
1711	float	RD	_FFT_PL3[30]	W	Harmonic P L3
1713	float	RD	_FFT_PL3[31]	W	Harmonic P L3
1715	float	RD	_FFT_PL3[32]	W	Harmonic P L3
1717	float	RD	_FFT_PL3[33]	W	Harmonic P L3
1719	float	RD	_FFT_PL3[34]	W	Harmonic P L3
1721	float	RD	_FFT_PL3[35]	W	Harmonic P L3
1723	float	RD	_FFT_PL3[36]	W	Harmonic P L3
1725	float	RD	_FFT_PL3[37]	W	Harmonic P L3
1727	float	RD	_FFT_PL3[38]	W	Harmonic P L3
1729	float	RD	_FFT_PL3[39]	W	Harmonic P L3
1731	float	RD	_FFT_PL3[40]	W	Harmonic P L3
1733	float	RD	_FFT_PL3[41]	W	Harmonic P L3
1735	float	RD	_FFT_PL3[42]	W	Harmonic P L3
1737	float	RD	_FFT_PL3[43]	W	Harmonic P L3
1739	float	RD	_FFT_PL3[44]	W	Harmonic P L3
1741	float	RD	_FFT_PL3[45]	W	Harmonic P L3
1743	float	RD	_FFT_PL3[46]	W	Harmonic P L3
1745	float	RD	_FFT_PL3[47]	W	Harmonic P L3
1747	float	RD	_FFT_PL3[48]	W	Harmonic P L3
1749	float	RD	_FFT_PL3[49]	W	Harmonic P L3
1751	float	RD	_FFT_PL3[50]	W	Harmonic P L3
1753	float	RD	_FFT_PL3[51]	W	Harmonic P L3
1755	float	RD	_FFT_PL3[52]	W	Harmonic P L3
1757	float	RD	_FFT_PL3[53]	W	Harmonic P L3
1759	float	RD	_FFT_PL3[54]	W	Harmonic P L3
1761	float	RD	_FFT_PL3[55]	W	Harmonic P L3
1763	float	RD	_FFT_PL3[56]	W	Harmonic P L3
1765	float	RD	_FFT_PL3[57]	W	Harmonic P L3
1767	float	RD	_FFT_PL3[58]	W	Harmonic P L3
1769	float	RD	_FFT_PL3[59]	W	Harmonic P L3
1771	float	RD	_FFT_PL3[60]	W	Harmonic P L3
1773	float	RD	_FFT_PL3[61]	W	Harmonic P L3
1775	float	RD	_FFT_PL3[62]	W	Harmonic P L3
1777	float	RD	_FFT_PL4[0]	W	Harmonic P L4
1779	float	RD	_FFT_PL4[1]	W	Harmonic P L4
1781	float	RD	_FFT_PL4[2]	W	Harmonic P L4
1783	float	RD	_FFT_PL4[3]	W	Harmonic P L4
1785	float	RD	_FFT_PL4[4]	W	Harmonic P L4
1787	float	RD	_FFT_PL4[5]	W	Harmonic P L4
1789	float	RD	_FFT_PL4[6]	W	Harmonic P L4
1791	float	RD	_FFT_PL4[7]	W	Harmonic P L4
1793	float	RD	_FFT_PL4[8]	W	Harmonic P L4
1795	float	RD	_FFT_PL4[9]	W	Harmonic P L4
1797	float	RD	_FFT_PL4[10]	W	Harmonic P L4
1799	float	RD	_FFT_PL4[11]	W	Harmonic P L4
1801	float	RD	_FFT_PL4[12]	W	Harmonic P L4
1803	float	RD	_FFT_PL4[13]	W	Harmonic P L4
1805	float	RD	_FFT_PL4[14]	W	Harmonic P L4
1807	float	RD	_FFT_PL4[15]	W	Harmonic P L4
1809	float	RD	_FFT_PL4[16]	W	Harmonic P L4
1811	float	RD	_FFT_PL4[17]	W	Harmonic P L4
1813	float	RD	_FFT_PL4[18]	W	Harmonic P L4

Address	Format	RD/WR	Designation	Unit	Note
1815	float	RD	_FFT_PL4[19]	W	Harmonic P L4
1817	float	RD	_FFT_PL4[20]	W	Harmonic P L4
1819	float	RD	_FFT_PL4[21]	W	Harmonic P L4
1821	float	RD	_FFT_PL4[22]	W	Harmonic P L4
1823	float	RD	_FFT_PL4[23]	W	Harmonic P L4
1825	float	RD	_FFT_PL4[24]	W	Harmonic P L4
1827	float	RD	_FFT_PL4[25]	W	Harmonic P L4
1829	float	RD	_FFT_PL4[26]	W	Harmonic P L4
1831	float	RD	_FFT_PL4[27]	W	Harmonic P L4
1833	float	RD	_FFT_PL4[28]	W	Harmonic P L4
1835	float	RD	_FFT_PL4[29]	W	Harmonic P L4
1837	float	RD	_FFT_PL4[30]	W	Harmonic P L4
1839	float	RD	_FFT_PL4[31]	W	Harmonic P L4
1841	float	RD	_FFT_PL4[32]	W	Harmonic P L4
1843	float	RD	_FFT_PL4[33]	W	Harmonic P L4
1845	float	RD	_FFT_PL4[34]	W	Harmonic P L4
1847	float	RD	_FFT_PL4[35]	W	Harmonic P L4
1849	float	RD	_FFT_PL4[36]	W	Harmonic P L4
1851	float	RD	_FFT_PL4[37]	W	Harmonic P L4
1853	float	RD	_FFT_PL4[38]	W	Harmonic P L4
1855	float	RD	_FFT_PL4[39]	W	Harmonic P L4
1857	float	RD	_FFT_PL4[40]	W	Harmonic P L4
1859	float	RD	_FFT_PL4[41]	W	Harmonic P L4
1861	float	RD	_FFT_PL4[42]	W	Harmonic P L4
1863	float	RD	_FFT_PL4[43]	W	Harmonic P L4
1865	float	RD	_FFT_PL4[44]	W	Harmonic P L4
1867	float	RD	_FFT_PL4[45]	W	Harmonic P L4
1869	float	RD	_FFT_PL4[46]	W	Harmonic P L4
1871	float	RD	_FFT_PL4[47]	W	Harmonic P L4
1873	float	RD	_FFT_PL4[48]	W	Harmonic P L4
1875	float	RD	_FFT_PL4[49]	W	Harmonic P L4
1877	float	RD	_FFT_PL4[50]	W	Harmonic P L4
1879	float	RD	_FFT_PL4[51]	W	Harmonic P L4
1881	float	RD	_FFT_PL4[52]	W	Harmonic P L4
1883	float	RD	_FFT_PL4[53]	W	Harmonic P L4
1885	float	RD	_FFT_PL4[54]	W	Harmonic P L4
1887	float	RD	_FFT_PL4[55]	W	Harmonic P L4
1889	float	RD	_FFT_PL4[56]	W	Harmonic P L4
1891	float	RD	_FFT_PL4[57]	W	Harmonic P L4
1893	float	RD	_FFT_PL4[58]	W	Harmonic P L4
1895	float	RD	_FFT_PL4[59]	W	Harmonic P L4
1897	float	RD	_FFT_PL4[60]	W	Harmonic P L4
1899	float	RD	_FFT_PL4[61]	W	Harmonic P L4
1901	float	RD	_FFT_PL4[62]	W	Harmonic P L4
1903	float	RD	_FFT_QL1[0]	var	Harmonic Q L1
1905	float	RD	_FFT_QL1[1]	var	Harmonic Q L1
1907	float	RD	_FFT_QL1[2]	var	Harmonic Q L1
1909	float	RD	_FFT_QL1[3]	var	Harmonic Q L1
1911	float	RD	_FFT_QL1[4]	var	Harmonic Q L1
1913	float	RD	_FFT_QL1[5]	var	Harmonic Q L1
1915	float	RD	_FFT_QL1[6]	var	Harmonic Q L1
1917	float	RD	_FFT_QL1[7]	var	Harmonic Q L1
1919	float	RD	_FFT_QL1[8]	var	Harmonic Q L1
1921	float	RD	_FFT_QL1[9]	var	Harmonic Q L1
1923	float	RD	_FFT_QL1[10]	var	Harmonic Q L1
1925	float	RD	_FFT_QL1[11]	var	Harmonic Q L1
1927	float	RD	_FFT_QL1[12]	var	Harmonic Q L1
1929	float	RD	_FFT_QL1[13]	var	Harmonic Q L1
1931	float	RD	_FFT_QL1[14]	var	Harmonic Q L1
1933	float	RD	_FFT_QL1[15]	var	Harmonic Q L1
1935	float	RD	_FFT_QL1[16]	var	Harmonic Q L1
1937	float	RD	_FFT_QL1[17]	var	Harmonic Q L1
1939	float	RD	_FFT_QL1[18]	var	Harmonic Q L1
1941	float	RD	_FFT_QL1[19]	var	Harmonic Q L1

Address	Format	RD/WR	Designation	Unit	Note
1943	float	RD	_FFT_QL1[20]	var	Harmonic Q L1
1945	float	RD	_FFT_QL1[21]	var	Harmonic Q L1
1947	float	RD	_FFT_QL1[22]	var	Harmonic Q L1
1949	float	RD	_FFT_QL1[23]	var	Harmonic Q L1
1951	float	RD	_FFT_QL1[24]	var	Harmonic Q L1
1953	float	RD	_FFT_QL1[25]	var	Harmonic Q L1
1955	float	RD	_FFT_QL1[26]	var	Harmonic Q L1
1957	float	RD	_FFT_QL1[27]	var	Harmonic Q L1
1959	float	RD	_FFT_QL1[28]	var	Harmonic Q L1
1961	float	RD	_FFT_QL1[29]	var	Harmonic Q L1
1963	float	RD	_FFT_QL1[30]	var	Harmonic Q L1
1965	float	RD	_FFT_QL1[31]	var	Harmonic Q L1
1967	float	RD	_FFT_QL1[32]	var	Harmonic Q L1
1969	float	RD	_FFT_QL1[33]	var	Harmonic Q L1
1971	float	RD	_FFT_QL1[34]	var	Harmonic Q L1
1973	float	RD	_FFT_QL1[35]	var	Harmonic Q L1
1975	float	RD	_FFT_QL1[36]	var	Harmonic Q L1
1977	float	RD	_FFT_QL1[37]	var	Harmonic Q L1
1979	float	RD	_FFT_QL1[38]	var	Harmonic Q L1
1981	float	RD	_FFT_QL1[39]	var	Harmonic Q L1
1983	float	RD	_FFT_QL1[40]	var	Harmonic Q L1
1985	float	RD	_FFT_QL1[41]	var	Harmonic Q L1
1987	float	RD	_FFT_QL1[42]	var	Harmonic Q L1
1989	float	RD	_FFT_QL1[43]	var	Harmonic Q L1
1991	float	RD	_FFT_QL1[44]	var	Harmonic Q L1
1993	float	RD	_FFT_QL1[45]	var	Harmonic Q L1
1995	float	RD	_FFT_QL1[46]	var	Harmonic Q L1
1997	float	RD	_FFT_QL1[47]	var	Harmonic Q L1
1999	float	RD	_FFT_QL1[48]	var	Harmonic Q L1
2001	float	RD	_FFT_QL1[49]	var	Harmonic Q L1
2003	float	RD	_FFT_QL1[50]	var	Harmonic Q L1
2005	float	RD	_FFT_QL1[51]	var	Harmonic Q L1
2007	float	RD	_FFT_QL1[52]	var	Harmonic Q L1
2009	float	RD	_FFT_QL1[53]	var	Harmonic Q L1
2011	float	RD	_FFT_QL1[54]	var	Harmonic Q L1
2013	float	RD	_FFT_QL1[55]	var	Harmonic Q L1
2015	float	RD	_FFT_QL1[56]	var	Harmonic Q L1
2017	float	RD	_FFT_QL1[57]	var	Harmonic Q L1
2019	float	RD	_FFT_QL1[58]	var	Harmonic Q L1
2021	float	RD	_FFT_QL1[59]	var	Harmonic Q L1
2023	float	RD	_FFT_QL1[60]	var	Harmonic Q L1
2025	float	RD	_FFT_QL1[61]	var	Harmonic Q L1
2027	float	RD	_FFT_QL1[62]	var	Harmonic Q L1
2029	float	RD	_FFT_QL2[0]	var	Harmonic Q L2
2031	float	RD	_FFT_QL2[1]	var	Harmonic Q L2
2033	float	RD	_FFT_QL2[2]	var	Harmonic Q L2
2035	float	RD	_FFT_QL2[3]	var	Harmonic Q L2
2037	float	RD	_FFT_QL2[4]	var	Harmonic Q L2
2039	float	RD	_FFT_QL2[5]	var	Harmonic Q L2
2041	float	RD	_FFT_QL2[6]	var	Harmonic Q L2
2043	float	RD	_FFT_QL2[7]	var	Harmonic Q L2
2045	float	RD	_FFT_QL2[8]	var	Harmonic Q L2
2047	float	RD	_FFT_QL2[9]	var	Harmonic Q L2
2049	float	RD	_FFT_QL2[10]	var	Harmonic Q L2
2051	float	RD	_FFT_QL2[11]	var	Harmonic Q L2
2053	float	RD	_FFT_QL2[12]	var	Harmonic Q L2
2055	float	RD	_FFT_QL2[13]	var	Harmonic Q L2
2057	float	RD	_FFT_QL2[14]	var	Harmonic Q L2
2059	float	RD	_FFT_QL2[15]	var	Harmonic Q L2
2061	float	RD	_FFT_QL2[16]	var	Harmonic Q L2
2063	float	RD	_FFT_QL2[17]	var	Harmonic Q L2
2065	float	RD	_FFT_QL2[18]	var	Harmonic Q L2
2067	float	RD	_FFT_QL2[19]	var	Harmonic Q L2
2069	float	RD	_FFT_QL2[20]	var	Harmonic Q L2
2071	float	RD	_FFT_QL2[21]	var	Harmonic Q L2

Address	Format	RD/WR	Designation	Unit	Note
2073	float	RD	_FFT_QL2[22]	var	Harmonic Q L2
2075	float	RD	_FFT_QL2[23]	var	Harmonic Q L2
2077	float	RD	_FFT_QL2[24]	var	Harmonic Q L2
2079	float	RD	_FFT_QL2[25]	var	Harmonic Q L2
2081	float	RD	_FFT_QL2[26]	var	Harmonic Q L2
2083	float	RD	_FFT_QL2[27]	var	Harmonic Q L2
2085	float	RD	_FFT_QL2[28]	var	Harmonic Q L2
2087	float	RD	_FFT_QL2[29]	var	Harmonic Q L2
2089	float	RD	_FFT_QL2[30]	var	Harmonic Q L2
2091	float	RD	_FFT_QL2[31]	var	Harmonic Q L2
2093	float	RD	_FFT_QL2[32]	var	Harmonic Q L2
2095	float	RD	_FFT_QL2[33]	var	Harmonic Q L2
2097	float	RD	_FFT_QL2[34]	var	Harmonic Q L2
2099	float	RD	_FFT_QL2[35]	var	Harmonic Q L2
2101	float	RD	_FFT_QL2[36]	var	Harmonic Q L2
2103	float	RD	_FFT_QL2[37]	var	Harmonic Q L2
2105	float	RD	_FFT_QL2[38]	var	Harmonic Q L2
2107	float	RD	_FFT_QL2[39]	var	Harmonic Q L2
2109	float	RD	_FFT_QL2[40]	var	Harmonic Q L2
2111	float	RD	_FFT_QL2[41]	var	Harmonic Q L2
2113	float	RD	_FFT_QL2[42]	var	Harmonic Q L2
2115	float	RD	_FFT_QL2[43]	var	Harmonic Q L2
2117	float	RD	_FFT_QL2[44]	var	Harmonic Q L2
2119	float	RD	_FFT_QL2[45]	var	Harmonic Q L2
2121	float	RD	_FFT_QL2[46]	var	Harmonic Q L2
2123	float	RD	_FFT_QL2[47]	var	Harmonic Q L2
2125	float	RD	_FFT_QL2[48]	var	Harmonic Q L2
2127	float	RD	_FFT_QL2[49]	var	Harmonic Q L2
2129	float	RD	_FFT_QL2[50]	var	Harmonic Q L2
2131	float	RD	_FFT_QL2[51]	var	Harmonic Q L2
2133	float	RD	_FFT_QL2[52]	var	Harmonic Q L2
2135	float	RD	_FFT_QL2[53]	var	Harmonic Q L2
2137	float	RD	_FFT_QL2[54]	var	Harmonic Q L2
2139	float	RD	_FFT_QL2[55]	var	Harmonic Q L2
2141	float	RD	_FFT_QL2[56]	var	Harmonic Q L2
2143	float	RD	_FFT_QL2[57]	var	Harmonic Q L2
2145	float	RD	_FFT_QL2[58]	var	Harmonic Q L2
2147	float	RD	_FFT_QL2[59]	var	Harmonic Q L2
2149	float	RD	_FFT_QL2[60]	var	Harmonic Q L2
2151	float	RD	_FFT_QL2[61]	var	Harmonic Q L2
2153	float	RD	_FFT_QL2[62]	var	Harmonic Q L2
2155	float	RD	_FFT_QL3[0]	var	Harmonic Q L3
2157	float	RD	_FFT_QL3[1]	var	Harmonic Q L3
2159	float	RD	_FFT_QL3[2]	var	Harmonic Q L3
2161	float	RD	_FFT_QL3[3]	var	Harmonic Q L3
2163	float	RD	_FFT_QL3[4]	var	Harmonic Q L3
2165	float	RD	_FFT_QL3[5]	var	Harmonic Q L3
2167	float	RD	_FFT_QL3[6]	var	Harmonic Q L3
2169	float	RD	_FFT_QL3[7]	var	Harmonic Q L3
2171	float	RD	_FFT_QL3[8]	var	Harmonic Q L3
2173	float	RD	_FFT_QL3[9]	var	Harmonic Q L3
2175	float	RD	_FFT_QL3[10]	var	Harmonic Q L3
2177	float	RD	_FFT_QL3[11]	var	Harmonic Q L3
2179	float	RD	_FFT_QL3[12]	var	Harmonic Q L3
2181	float	RD	_FFT_QL3[13]	var	Harmonic Q L3
2183	float	RD	_FFT_QL3[14]	var	Harmonic Q L3
2185	float	RD	_FFT_QL3[15]	var	Harmonic Q L3
2187	float	RD	_FFT_QL3[16]	var	Harmonic Q L3
2189	float	RD	_FFT_QL3[17]	var	Harmonic Q L3
2191	float	RD	_FFT_QL3[18]	var	Harmonic Q L3
2193	float	RD	_FFT_QL3[19]	var	Harmonic Q L3
2195	float	RD	_FFT_QL3[20]	var	Harmonic Q L3
2197	float	RD	_FFT_QL3[21]	var	Harmonic Q L3
2199	float	RD	_FFT_QL3[22]	var	Harmonic Q L3
2201	float	RD	_FFT_QL3[23]	var	Harmonic Q L3

Address	Format	RD/WR	Designation	Unit	Note
2203	float	RD	_FFT_QL3[24]	var	Harmonic Q L3
2205	float	RD	_FFT_QL3[25]	var	Harmonic Q L3
2207	float	RD	_FFT_QL3[26]	var	Harmonic Q L3
2209	float	RD	_FFT_QL3[27]	var	Harmonic Q L3
2211	float	RD	_FFT_QL3[28]	var	Harmonic Q L3
2213	float	RD	_FFT_QL3[29]	var	Harmonic Q L3
2215	float	RD	_FFT_QL3[30]	var	Harmonic Q L3
2217	float	RD	_FFT_QL3[31]	var	Harmonic Q L3
2219	float	RD	_FFT_QL3[32]	var	Harmonic Q L3
2221	float	RD	_FFT_QL3[33]	var	Harmonic Q L3
2223	float	RD	_FFT_QL3[34]	var	Harmonic Q L3
2225	float	RD	_FFT_QL3[35]	var	Harmonic Q L3
2227	float	RD	_FFT_QL3[36]	var	Harmonic Q L3
2229	float	RD	_FFT_QL3[37]	var	Harmonic Q L3
2231	float	RD	_FFT_QL3[38]	var	Harmonic Q L3
2233	float	RD	_FFT_QL3[39]	var	Harmonic Q L3
2235	float	RD	_FFT_QL3[40]	var	Harmonic Q L3
2237	float	RD	_FFT_QL3[41]	var	Harmonic Q L3
2239	float	RD	_FFT_QL3[42]	var	Harmonic Q L3
2241	float	RD	_FFT_QL3[43]	var	Harmonic Q L3
2243	float	RD	_FFT_QL3[44]	var	Harmonic Q L3
2245	float	RD	_FFT_QL3[45]	var	Harmonic Q L3
2247	float	RD	_FFT_QL3[46]	var	Harmonic Q L3
2249	float	RD	_FFT_QL3[47]	var	Harmonic Q L3
2251	float	RD	_FFT_QL3[48]	var	Harmonic Q L3
2253	float	RD	_FFT_QL3[49]	var	Harmonic Q L3
2255	float	RD	_FFT_QL3[50]	var	Harmonic Q L3
2257	float	RD	_FFT_QL3[51]	var	Harmonic Q L3
2259	float	RD	_FFT_QL3[52]	var	Harmonic Q L3
2261	float	RD	_FFT_QL3[53]	var	Harmonic Q L3
2263	float	RD	_FFT_QL3[54]	var	Harmonic Q L3
2265	float	RD	_FFT_QL3[55]	var	Harmonic Q L3
2267	float	RD	_FFT_QL3[56]	var	Harmonic Q L3
2269	float	RD	_FFT_QL3[57]	var	Harmonic Q L3
2271	float	RD	_FFT_QL3[58]	var	Harmonic Q L3
2273	float	RD	_FFT_QL3[59]	var	Harmonic Q L3
2275	float	RD	_FFT_QL3[60]	var	Harmonic Q L3
2277	float	RD	_FFT_QL3[61]	var	Harmonic Q L3
2279	float	RD	_FFT_QL3[62]	var	Harmonic Q L3
2281	float	RD	_FFT_QL4[0]	var	Harmonic Q L4
2283	float	RD	_FFT_QL4[1]	var	Harmonic Q L4
2285	float	RD	_FFT_QL4[2]	var	Harmonic Q L4
2287	float	RD	_FFT_QL4[3]	var	Harmonic Q L4
2289	float	RD	_FFT_QL4[4]	var	Harmonic Q L4
2291	float	RD	_FFT_QL4[5]	var	Harmonic Q L4
2293	float	RD	_FFT_QL4[6]	var	Harmonic Q L4
2295	float	RD	_FFT_QL4[7]	var	Harmonic Q L4
2297	float	RD	_FFT_QL4[8]	var	Harmonic Q L4
2299	float	RD	_FFT_QL4[9]	var	Harmonic Q L4
2301	float	RD	_FFT_QL4[10]	var	Harmonic Q L4
2303	float	RD	_FFT_QL4[11]	var	Harmonic Q L4
2305	float	RD	_FFT_QL4[12]	var	Harmonic Q L4
2307	float	RD	_FFT_QL4[13]	var	Harmonic Q L4
2309	float	RD	_FFT_QL4[14]	var	Harmonic Q L4
2311	float	RD	_FFT_QL4[15]	var	Harmonic Q L4
2313	float	RD	_FFT_QL4[16]	var	Harmonic Q L4
2315	float	RD	_FFT_QL4[17]	var	Harmonic Q L4
2317	float	RD	_FFT_QL4[18]	var	Harmonic Q L4
2319	float	RD	_FFT_QL4[19]	var	Harmonic Q L4
2321	float	RD	_FFT_QL4[20]	var	Harmonic Q L4
2323	float	RD	_FFT_QL4[21]	var	Harmonic Q L4
2325	float	RD	_FFT_QL4[22]	var	Harmonic Q L4
2327	float	RD	_FFT_QL4[23]	var	Harmonic Q L4
2329	float	RD	_FFT_QL4[24]	var	Harmonic Q L4
2331	float	RD	_FFT_QL4[25]	var	Harmonic Q L4

Address	Format	RD/WR	Designation	Unit	Note
2333	float	RD	_FFT_QL4[26]	var	Harmonic Q L4
2335	float	RD	_FFT_QL4[27]	var	Harmonic Q L4
2337	float	RD	_FFT_QL4[28]	var	Harmonic Q L4
2339	float	RD	_FFT_QL4[29]	var	Harmonic Q L4
2341	float	RD	_FFT_QL4[30]	var	Harmonic Q L4
2343	float	RD	_FFT_QL4[31]	var	Harmonic Q L4
2345	float	RD	_FFT_QL4[32]	var	Harmonic Q L4
2347	float	RD	_FFT_QL4[33]	var	Harmonic Q L4
2349	float	RD	_FFT_QL4[34]	var	Harmonic Q L4
2351	float	RD	_FFT_QL4[35]	var	Harmonic Q L4
2353	float	RD	_FFT_QL4[36]	var	Harmonic Q L4
2355	float	RD	_FFT_QL4[37]	var	Harmonic Q L4
2357	float	RD	_FFT_QL4[38]	var	Harmonic Q L4
2359	float	RD	_FFT_QL4[39]	var	Harmonic Q L4
2361	float	RD	_FFT_QL4[40]	var	Harmonic Q L4
2363	float	RD	_FFT_QL4[41]	var	Harmonic Q L4
2365	float	RD	_FFT_QL4[42]	var	Harmonic Q L4
2367	float	RD	_FFT_QL4[43]	var	Harmonic Q L4
2369	float	RD	_FFT_QL4[44]	var	Harmonic Q L4
2371	float	RD	_FFT_QL4[45]	var	Harmonic Q L4
2373	float	RD	_FFT_QL4[46]	var	Harmonic Q L4
2375	float	RD	_FFT_QL4[47]	var	Harmonic Q L4
2377	float	RD	_FFT_QL4[48]	var	Harmonic Q L4
2379	float	RD	_FFT_QL4[49]	var	Harmonic Q L4
2381	float	RD	_FFT_QL4[50]	var	Harmonic Q L4
2383	float	RD	_FFT_QL4[51]	var	Harmonic Q L4
2385	float	RD	_FFT_QL4[52]	var	Harmonic Q L4
2387	float	RD	_FFT_QL4[53]	var	Harmonic Q L4
2389	float	RD	_FFT_QL4[54]	var	Harmonic Q L4
2391	float	RD	_FFT_QL4[55]	var	Harmonic Q L4
2393	float	RD	_FFT_QL4[56]	var	Harmonic Q L4
2395	float	RD	_FFT_QL4[57]	var	Harmonic Q L4
2397	float	RD	_FFT_QL4[58]	var	Harmonic Q L4
2399	float	RD	_FFT_QL4[59]	var	Harmonic Q L4
2401	float	RD	_FFT_QL4[60]	var	Harmonic Q L4
2403	float	RD	_FFT_QL4[61]	var	Harmonic Q L4
2405	float	RD	_FFT_QL4[62]	var	Harmonic Q L4
2407	float	RD	_FFT_ULLZ1[0]	V	Interharmonic U L1..L2
2409	float	RD	_FFT_ULLZ1[1]	V	Interharmonic U L1..L2
2411	float	RD	_FFT_ULLZ1[2]	V	Interharmonic U L1..L2
2413	float	RD	_FFT_ULLZ1[3]	V	Interharmonic U L1..L2
2415	float	RD	_FFT_ULLZ1[4]	V	Interharmonic U L1..L2
2417	float	RD	_FFT_ULLZ1[5]	V	Interharmonic U L1..L2
2419	float	RD	_FFT_ULLZ1[6]	V	Interharmonic U L1..L2
2421	float	RD	_FFT_ULLZ1[7]	V	Interharmonic U L1..L2
2423	float	RD	_FFT_ULLZ1[8]	V	Interharmonic U L1..L2
2425	float	RD	_FFT_ULLZ1[9]	V	Interharmonic U L1..L2
2427	float	RD	_FFT_ULLZ1[10]	V	Interharmonic U L1..L2
2429	float	RD	_FFT_ULLZ1[11]	V	Interharmonic U L1..L2
2431	float	RD	_FFT_ULLZ1[12]	V	Interharmonic U L1..L2
2433	float	RD	_FFT_ULLZ1[13]	V	Interharmonic U L1..L2
2435	float	RD	_FFT_ULLZ1[14]	V	Interharmonic U L1..L2
2437	float	RD	_FFT_ULLZ1[15]	V	Interharmonic U L1..L2
2439	float	RD	_FFT_ULLZ1[16]	V	Interharmonic U L1..L2
2441	float	RD	_FFT_ULLZ1[17]	V	Interharmonic U L1..L2
2443	float	RD	_FFT_ULLZ1[18]	V	Interharmonic U L1..L2
2445	float	RD	_FFT_ULLZ1[19]	V	Interharmonic U L1..L2
2447	float	RD	_FFT_ULLZ1[20]	V	Interharmonic U L1..L2
2449	float	RD	_FFT_ULLZ1[21]	V	Interharmonic U L1..L2
2451	float	RD	_FFT_ULLZ1[22]	V	Interharmonic U L1..L2
2453	float	RD	_FFT_ULLZ1[23]	V	Interharmonic U L1..L2
2455	float	RD	_FFT_ULLZ1[24]	V	Interharmonic U L1..L2
2457	float	RD	_FFT_ULLZ1[25]	V	Interharmonic U L1..L2
2459	float	RD	_FFT_ULLZ1[26]	V	Interharmonic U L1..L2

Address	Format	RD/WR	Designation	Unit	Note
2461	float	RD	_FFT_ULLZ1[27]	V	Interharmonic U L1..L2
2463	float	RD	_FFT_ULLZ1[28]	V	Interharmonic U L1..L2
2465	float	RD	_FFT_ULLZ1[29]	V	Interharmonic U L1..L2
2467	float	RD	_FFT_ULLZ1[30]	V	Interharmonic U L1..L2
2469	float	RD	_FFT_ULLZ1[31]	V	Interharmonic U L1..L2
2471	float	RD	_FFT_ULLZ1[32]	V	Interharmonic U L1..L2
2473	float	RD	_FFT_ULLZ1[33]	V	Interharmonic U L1..L2
2475	float	RD	_FFT_ULLZ1[34]	V	Interharmonic U L1..L2
2477	float	RD	_FFT_ULLZ1[35]	V	Interharmonic U L1..L2
2479	float	RD	_FFT_ULLZ1[36]	V	Interharmonic U L1..L2
2481	float	RD	_FFT_ULLZ1[37]	V	Interharmonic U L1..L2
2483	float	RD	_FFT_ULLZ1[38]	V	Interharmonic U L1..L2
2485	float	RD	_FFT_ULLZ1[39]	V	Interharmonic U L1..L2
2487	float	RD	_FFT_ULLZ1[40]	V	Interharmonic U L1..L2
2489	float	RD	_FFT_ULLZ1[41]	V	Interharmonic U L1..L2
2491	float	RD	_FFT_ULLZ1[42]	V	Interharmonic U L1..L2
2493	float	RD	_FFT_ULLZ1[43]	V	Interharmonic U L1..L2
2495	float	RD	_FFT_ULLZ1[44]	V	Interharmonic U L1..L2
2497	float	RD	_FFT_ULLZ1[45]	V	Interharmonic U L1..L2
2499	float	RD	_FFT_ULLZ1[46]	V	Interharmonic U L1..L2
2501	float	RD	_FFT_ULLZ1[47]	V	Interharmonic U L1..L2
2503	float	RD	_FFT_ULLZ1[48]	V	Interharmonic U L1..L2
2505	float	RD	_FFT_ULLZ1[49]	V	Interharmonic U L1..L2
2507	float	RD	_FFT_ULLZ1[50]	V	Interharmonic U L1..L2
2509	float	RD	_FFT_ULLZ1[51]	V	Interharmonic U L1..L2
2511	float	RD	_FFT_ULLZ1[52]	V	Interharmonic U L1..L2
2513	float	RD	_FFT_ULLZ1[53]	V	Interharmonic U L1..L2
2515	float	RD	_FFT_ULLZ1[54]	V	Interharmonic U L1..L2
2517	float	RD	_FFT_ULLZ1[55]	V	Interharmonic U L1..L2
2519	float	RD	_FFT_ULLZ1[56]	V	Interharmonic U L1..L2
2521	float	RD	_FFT_ULLZ1[57]	V	Interharmonic U L1..L2
2523	float	RD	_FFT_ULLZ1[58]	V	Interharmonic U L1..L2
2525	float	RD	_FFT_ULLZ1[59]	V	Interharmonic U L1..L2
2527	float	RD	_FFT_ULLZ1[60]	V	Interharmonic U L1..L2
2529	float	RD	_FFT_ULLZ1[61]	V	Interharmonic U L1..L2
2531	float	RD	_FFT_ULLZ1[62]	V	Interharmonic U L1..L2
2533	float	RD	_FFT_ULLZ2[0]	V	Interharmonic U L2..L3
2535	float	RD	_FFT_ULLZ2[1]	V	Interharmonic U L2..L3
2537	float	RD	_FFT_ULLZ2[2]	V	Interharmonic U L2..L3
2539	float	RD	_FFT_ULLZ2[3]	V	Interharmonic U L2..L3
2541	float	RD	_FFT_ULLZ2[4]	V	Interharmonic U L2..L3
2543	float	RD	_FFT_ULLZ2[5]	V	Interharmonic U L2..L3
2545	float	RD	_FFT_ULLZ2[6]	V	Interharmonic U L2..L3
2547	float	RD	_FFT_ULLZ2[7]	V	Interharmonic U L2..L3
2549	float	RD	_FFT_ULLZ2[8]	V	Interharmonic U L2..L3
2551	float	RD	_FFT_ULLZ2[9]	V	Interharmonic U L2..L3
2553	float	RD	_FFT_ULLZ2[10]	V	Interharmonic U L2..L3
2555	float	RD	_FFT_ULLZ2[11]	V	Interharmonic U L2..L3
2557	float	RD	_FFT_ULLZ2[12]	V	Interharmonic U L2..L3
2559	float	RD	_FFT_ULLZ2[13]	V	Interharmonic U L2..L3
2561	float	RD	_FFT_ULLZ2[14]	V	Interharmonic U L2..L3
2563	float	RD	_FFT_ULLZ2[15]	V	Interharmonic U L2..L3
2565	float	RD	_FFT_ULLZ2[16]	V	Interharmonic U L2..L3
2567	float	RD	_FFT_ULLZ2[17]	V	Interharmonic U L2..L3
2569	float	RD	_FFT_ULLZ2[18]	V	Interharmonic U L2..L3
2571	float	RD	_FFT_ULLZ2[19]	V	Interharmonic U L2..L3
2573	float	RD	_FFT_ULLZ2[20]	V	Interharmonic U L2..L3
2575	float	RD	_FFT_ULLZ2[21]	V	Interharmonic U L2..L3
2577	float	RD	_FFT_ULLZ2[22]	V	Interharmonic U L2..L3
2579	float	RD	_FFT_ULLZ2[23]	V	Interharmonic U L2..L3
2581	float	RD	_FFT_ULLZ2[24]	V	Interharmonic U L2..L3
2583	float	RD	_FFT_ULLZ2[25]	V	Interharmonic U L2..L3
2585	float	RD	_FFT_ULLZ2[26]	V	Interharmonic U L2..L3
2587	float	RD	_FFT_ULLZ2[27]	V	Interharmonic U L2..L3
2589	float	RD	_FFT_ULLZ2[28]	V	Interharmonic U L2..L3

Address	Format	RD/WR	Designation	Unit	Note
2591	float	RD	_FFT_ULLZ2[29]	V	Interharmonic U L2..L3
2593	float	RD	_FFT_ULLZ2[30]	V	Interharmonic U L2..L3
2595	float	RD	_FFT_ULLZ2[31]	V	Interharmonic U L2..L3
2597	float	RD	_FFT_ULLZ2[32]	V	Interharmonic U L2..L3
2599	float	RD	_FFT_ULLZ2[33]	V	Interharmonic U L2..L3
2601	float	RD	_FFT_ULLZ2[34]	V	Interharmonic U L2..L3
2603	float	RD	_FFT_ULLZ2[35]	V	Interharmonic U L2..L3
2605	float	RD	_FFT_ULLZ2[36]	V	Interharmonic U L2..L3
2607	float	RD	_FFT_ULLZ2[37]	V	Interharmonic U L2..L3
2609	float	RD	_FFT_ULLZ2[38]	V	Interharmonic U L2..L3
2611	float	RD	_FFT_ULLZ2[39]	V	Interharmonic U L2..L3
2613	float	RD	_FFT_ULLZ2[40]	V	Interharmonic U L2..L3
2615	float	RD	_FFT_ULLZ2[41]	V	Interharmonic U L2..L3
2617	float	RD	_FFT_ULLZ2[42]	V	Interharmonic U L2..L3
2619	float	RD	_FFT_ULLZ2[43]	V	Interharmonic U L2..L3
2621	float	RD	_FFT_ULLZ2[44]	V	Interharmonic U L2..L3
2623	float	RD	_FFT_ULLZ2[45]	V	Interharmonic U L2..L3
2625	float	RD	_FFT_ULLZ2[46]	V	Interharmonic U L2..L3
2627	float	RD	_FFT_ULLZ2[47]	V	Interharmonic U L2..L3
2629	float	RD	_FFT_ULLZ2[48]	V	Interharmonic U L2..L3
2631	float	RD	_FFT_ULLZ2[49]	V	Interharmonic U L2..L3
2633	float	RD	_FFT_ULLZ2[50]	V	Interharmonic U L2..L3
2635	float	RD	_FFT_ULLZ2[51]	V	Interharmonic U L2..L3
2637	float	RD	_FFT_ULLZ2[52]	V	Interharmonic U L2..L3
2639	float	RD	_FFT_ULLZ2[53]	V	Interharmonic U L2..L3
2641	float	RD	_FFT_ULLZ2[54]	V	Interharmonic U L2..L3
2643	float	RD	_FFT_ULLZ2[55]	V	Interharmonic U L2..L3
2645	float	RD	_FFT_ULLZ2[56]	V	Interharmonic U L2..L3
2647	float	RD	_FFT_ULLZ2[57]	V	Interharmonic U L2..L3
2649	float	RD	_FFT_ULLZ2[58]	V	Interharmonic U L2..L3
2651	float	RD	_FFT_ULLZ2[59]	V	Interharmonic U L2..L3
2653	float	RD	_FFT_ULLZ2[60]	V	Interharmonic U L2..L3
2655	float	RD	_FFT_ULLZ2[61]	V	Interharmonic U L2..L3
2657	float	RD	_FFT_ULLZ2[62]	V	Interharmonic U L2..L3
2659	float	RD	_FFT_ULLZ3[0]	V	Interharmonic U L3..L1
2661	float	RD	_FFT_ULLZ3[1]	V	Interharmonic U L3..L1
2663	float	RD	_FFT_ULLZ3[2]	V	Interharmonic U L3..L1
2665	float	RD	_FFT_ULLZ3[3]	V	Interharmonic U L3..L1
2667	float	RD	_FFT_ULLZ3[4]	V	Interharmonic U L3..L1
2669	float	RD	_FFT_ULLZ3[5]	V	Interharmonic U L3..L1
2671	float	RD	_FFT_ULLZ3[6]	V	Interharmonic U L3..L1
2673	float	RD	_FFT_ULLZ3[7]	V	Interharmonic U L3..L1
2675	float	RD	_FFT_ULLZ3[8]	V	Interharmonic U L3..L1
2677	float	RD	_FFT_ULLZ3[9]	V	Interharmonic U L3..L1
2679	float	RD	_FFT_ULLZ3[10]	V	Interharmonic U L3..L1
2681	float	RD	_FFT_ULLZ3[11]	V	Interharmonic U L3..L1
2683	float	RD	_FFT_ULLZ3[12]	V	Interharmonic U L3..L1
2685	float	RD	_FFT_ULLZ3[13]	V	Interharmonic U L3..L1
2687	float	RD	_FFT_ULLZ3[14]	V	Interharmonic U L3..L1
2689	float	RD	_FFT_ULLZ3[15]	V	Interharmonic U L3..L1
2691	float	RD	_FFT_ULLZ3[16]	V	Interharmonic U L3..L1
2693	float	RD	_FFT_ULLZ3[17]	V	Interharmonic U L3..L1
2695	float	RD	_FFT_ULLZ3[18]	V	Interharmonic U L3..L1
2697	float	RD	_FFT_ULLZ3[19]	V	Interharmonic U L3..L1
2699	float	RD	_FFT_ULLZ3[20]	V	Interharmonic U L3..L1
2701	float	RD	_FFT_ULLZ3[21]	V	Interharmonic U L3..L1
2703	float	RD	_FFT_ULLZ3[22]	V	Interharmonic U L3..L1
2705	float	RD	_FFT_ULLZ3[23]	V	Interharmonic U L3..L1
2707	float	RD	_FFT_ULLZ3[24]	V	Interharmonic U L3..L1
2709	float	RD	_FFT_ULLZ3[25]	V	Interharmonic U L3..L1
2711	float	RD	_FFT_ULLZ3[26]	V	Interharmonic U L3..L1
2713	float	RD	_FFT_ULLZ3[27]	V	Interharmonic U L3..L1
2715	float	RD	_FFT_ULLZ3[28]	V	Interharmonic U L3..L1
2717	float	RD	_FFT_ULLZ3[29]	V	Interharmonic U L3..L1
2719	float	RD	_FFT_ULLZ3[30]	V	Interharmonic U L3..L1

Address	Format	RD/WR	Designation	Unit	Note
2721	float	RD	_FFT_ULLZ3[31]	V	Interharmonic U L3..L1
2723	float	RD	_FFT_ULLZ3[32]	V	Interharmonic U L3..L1
2725	float	RD	_FFT_ULLZ3[33]	V	Interharmonic U L3..L1
2727	float	RD	_FFT_ULLZ3[34]	V	Interharmonic U L3..L1
2729	float	RD	_FFT_ULLZ3[35]	V	Interharmonic U L3..L1
2731	float	RD	_FFT_ULLZ3[36]	V	Interharmonic U L3..L1
2733	float	RD	_FFT_ULLZ3[37]	V	Interharmonic U L3..L1
2735	float	RD	_FFT_ULLZ3[38]	V	Interharmonic U L3..L1
2737	float	RD	_FFT_ULLZ3[39]	V	Interharmonic U L3..L1
2739	float	RD	_FFT_ULLZ3[40]	V	Interharmonic U L3..L1
2741	float	RD	_FFT_ULLZ3[41]	V	Interharmonic U L3..L1
2743	float	RD	_FFT_ULLZ3[42]	V	Interharmonic U L3..L1
2745	float	RD	_FFT_ULLZ3[43]	V	Interharmonic U L3..L1
2747	float	RD	_FFT_ULLZ3[44]	V	Interharmonic U L3..L1
2749	float	RD	_FFT_ULLZ3[45]	V	Interharmonic U L3..L1
2751	float	RD	_FFT_ULLZ3[46]	V	Interharmonic U L3..L1
2753	float	RD	_FFT_ULLZ3[47]	V	Interharmonic U L3..L1
2755	float	RD	_FFT_ULLZ3[48]	V	Interharmonic U L3..L1
2757	float	RD	_FFT_ULLZ3[49]	V	Interharmonic U L3..L1
2759	float	RD	_FFT_ULLZ3[50]	V	Interharmonic U L3..L1
2761	float	RD	_FFT_ULLZ3[51]	V	Interharmonic U L3..L1
2763	float	RD	_FFT_ULLZ3[52]	V	Interharmonic U L3..L1
2765	float	RD	_FFT_ULLZ3[53]	V	Interharmonic U L3..L1
2767	float	RD	_FFT_ULLZ3[54]	V	Interharmonic U L3..L1
2769	float	RD	_FFT_ULLZ3[55]	V	Interharmonic U L3..L1
2771	float	RD	_FFT_ULLZ3[56]	V	Interharmonic U L3..L1
2773	float	RD	_FFT_ULLZ3[57]	V	Interharmonic U L3..L1
2775	float	RD	_FFT_ULLZ3[58]	V	Interharmonic U L3..L1
2777	float	RD	_FFT_ULLZ3[59]	V	Interharmonic U L3..L1
2779	float	RD	_FFT_ULLZ3[60]	V	Interharmonic U L3..L1
2781	float	RD	_FFT_ULLZ3[61]	V	Interharmonic U L3..L1
2783	float	RD	_FFT_ULLZ3[62]	V	Interharmonic U L3..L1
2785	float	RD	_FFT_ULZ1[0]	V	Interharmonic U L1
2787	float	RD	_FFT_ULZ1[1]	V	Interharmonic U L1
2789	float	RD	_FFT_ULZ1[2]	V	Interharmonic U L1
2791	float	RD	_FFT_ULZ1[3]	V	Interharmonic U L1
2793	float	RD	_FFT_ULZ1[4]	V	Interharmonic U L1
2795	float	RD	_FFT_ULZ1[5]	V	Interharmonic U L1
2797	float	RD	_FFT_ULZ1[6]	V	Interharmonic U L1
2799	float	RD	_FFT_ULZ1[7]	V	Interharmonic U L1
2801	float	RD	_FFT_ULZ1[8]	V	Interharmonic U L1
2803	float	RD	_FFT_ULZ1[9]	V	Interharmonic U L1
2805	float	RD	_FFT_ULZ1[10]	V	Interharmonic U L1
2807	float	RD	_FFT_ULZ1[11]	V	Interharmonic U L1
2809	float	RD	_FFT_ULZ1[12]	V	Interharmonic U L1
2811	float	RD	_FFT_ULZ1[13]	V	Interharmonic U L1
2813	float	RD	_FFT_ULZ1[14]	V	Interharmonic U L1
2815	float	RD	_FFT_ULZ1[15]	V	Interharmonic U L1
2817	float	RD	_FFT_ULZ1[16]	V	Interharmonic U L1
2819	float	RD	_FFT_ULZ1[17]	V	Interharmonic U L1
2821	float	RD	_FFT_ULZ1[18]	V	Interharmonic U L1
2823	float	RD	_FFT_ULZ1[19]	V	Interharmonic U L1
2825	float	RD	_FFT_ULZ1[20]	V	Interharmonic U L1
2827	float	RD	_FFT_ULZ1[21]	V	Interharmonic U L1
2829	float	RD	_FFT_ULZ1[22]	V	Interharmonic U L1
2831	float	RD	_FFT_ULZ1[23]	V	Interharmonic U L1
2833	float	RD	_FFT_ULZ1[24]	V	Interharmonic U L1
2835	float	RD	_FFT_ULZ1[25]	V	Interharmonic U L1
2837	float	RD	_FFT_ULZ1[26]	V	Interharmonic U L1
2839	float	RD	_FFT_ULZ1[27]	V	Interharmonic U L1
2841	float	RD	_FFT_ULZ1[28]	V	Interharmonic U L1
2843	float	RD	_FFT_ULZ1[29]	V	Interharmonic U L1
2845	float	RD	_FFT_ULZ1[30]	V	Interharmonic U L1
2847	float	RD	_FFT_ULZ1[31]	V	Interharmonic U L1

Address	Format	RD/WR	Designation	Unit	Note
2849	float	RD	_FFT_ULZ1[32]	V	Interharmonic U L1
2851	float	RD	_FFT_ULZ1[33]	V	Interharmonic U L1
2853	float	RD	_FFT_ULZ1[34]	V	Interharmonic U L1
2855	float	RD	_FFT_ULZ1[35]	V	Interharmonic U L1
2857	float	RD	_FFT_ULZ1[36]	V	Interharmonic U L1
2859	float	RD	_FFT_ULZ1[37]	V	Interharmonic U L1
2861	float	RD	_FFT_ULZ1[38]	V	Interharmonic U L1
2863	float	RD	_FFT_ULZ1[39]	V	Interharmonic U L1
2865	float	RD	_FFT_ULZ1[40]	V	Interharmonic U L1
2867	float	RD	_FFT_ULZ1[41]	V	Interharmonic U L1
2869	float	RD	_FFT_ULZ1[42]	V	Interharmonic U L1
2871	float	RD	_FFT_ULZ1[43]	V	Interharmonic U L1
2873	float	RD	_FFT_ULZ1[44]	V	Interharmonic U L1
2875	float	RD	_FFT_ULZ1[45]	V	Interharmonic U L1
2877	float	RD	_FFT_ULZ1[46]	V	Interharmonic U L1
2879	float	RD	_FFT_ULZ1[47]	V	Interharmonic U L1
2881	float	RD	_FFT_ULZ1[48]	V	Interharmonic U L1
2883	float	RD	_FFT_ULZ1[49]	V	Interharmonic U L1
2885	float	RD	_FFT_ULZ1[50]	V	Interharmonic U L1
2887	float	RD	_FFT_ULZ1[51]	V	Interharmonic U L1
2889	float	RD	_FFT_ULZ1[52]	V	Interharmonic U L1
2891	float	RD	_FFT_ULZ1[53]	V	Interharmonic U L1
2893	float	RD	_FFT_ULZ1[54]	V	Interharmonic U L1
2895	float	RD	_FFT_ULZ1[55]	V	Interharmonic U L1
2897	float	RD	_FFT_ULZ1[56]	V	Interharmonic U L1
2899	float	RD	_FFT_ULZ1[57]	V	Interharmonic U L1
2901	float	RD	_FFT_ULZ1[58]	V	Interharmonic U L1
2903	float	RD	_FFT_ULZ1[59]	V	Interharmonic U L1
2905	float	RD	_FFT_ULZ1[60]	V	Interharmonic U L1
2907	float	RD	_FFT_ULZ1[61]	V	Interharmonic U L1
2909	float	RD	_FFT_ULZ1[62]	V	Interharmonic U L1
2911	float	RD	_FFT_ULZ2[0]	V	Interharmonic U L2
2913	float	RD	_FFT_ULZ2[1]	V	Interharmonic U L2
2915	float	RD	_FFT_ULZ2[2]	V	Interharmonic U L2
2917	float	RD	_FFT_ULZ2[3]	V	Interharmonic U L2
2919	float	RD	_FFT_ULZ2[4]	V	Interharmonic U L2
2921	float	RD	_FFT_ULZ2[5]	V	Interharmonic U L2
2923	float	RD	_FFT_ULZ2[6]	V	Interharmonic U L2
2925	float	RD	_FFT_ULZ2[7]	V	Interharmonic U L2
2927	float	RD	_FFT_ULZ2[8]	V	Interharmonic U L2
2929	float	RD	_FFT_ULZ2[9]	V	Interharmonic U L2
2931	float	RD	_FFT_ULZ2[10]	V	Interharmonic U L2
2933	float	RD	_FFT_ULZ2[11]	V	Interharmonic U L2
2935	float	RD	_FFT_ULZ2[12]	V	Interharmonic U L2
2937	float	RD	_FFT_ULZ2[13]	V	Interharmonic U L2
2939	float	RD	_FFT_ULZ2[14]	V	Interharmonic U L2
2941	float	RD	_FFT_ULZ2[15]	V	Interharmonic U L2
2943	float	RD	_FFT_ULZ2[16]	V	Interharmonic U L2
2945	float	RD	_FFT_ULZ2[17]	V	Interharmonic U L2
2947	float	RD	_FFT_ULZ2[18]	V	Interharmonic U L2
2949	float	RD	_FFT_ULZ2[19]	V	Interharmonic U L2
2951	float	RD	_FFT_ULZ2[20]	V	Interharmonic U L2
2953	float	RD	_FFT_ULZ2[21]	V	Interharmonic U L2
2955	float	RD	_FFT_ULZ2[22]	V	Interharmonic U L2
2957	float	RD	_FFT_ULZ2[23]	V	Interharmonic U L2
2959	float	RD	_FFT_ULZ2[24]	V	Interharmonic U L2
2961	float	RD	_FFT_ULZ2[25]	V	Interharmonic U L2
2963	float	RD	_FFT_ULZ2[26]	V	Interharmonic U L2
2965	float	RD	_FFT_ULZ2[27]	V	Interharmonic U L2
2967	float	RD	_FFT_ULZ2[28]	V	Interharmonic U L2
2969	float	RD	_FFT_ULZ2[29]	V	Interharmonic U L2
2971	float	RD	_FFT_ULZ2[30]	V	Interharmonic U L2
2973	float	RD	_FFT_ULZ2[31]	V	Interharmonic U L2
2975	float	RD	_FFT_ULZ2[32]	V	Interharmonic U L2
2977	float	RD	_FFT_ULZ2[33]	V	Interharmonic U L2

Address	Format	RD/WR	Designation	Unit	Note
2979	float	RD	_FFT_ULZ2[34]	V	Interharmonic U L2
2981	float	RD	_FFT_ULZ2[35]	V	Interharmonic U L2
2983	float	RD	_FFT_ULZ2[36]	V	Interharmonic U L2
2985	float	RD	_FFT_ULZ2[37]	V	Interharmonic U L2
2987	float	RD	_FFT_ULZ2[38]	V	Interharmonic U L2
2989	float	RD	_FFT_ULZ2[39]	V	Interharmonic U L2
2991	float	RD	_FFT_ULZ2[40]	V	Interharmonic U L2
2993	float	RD	_FFT_ULZ2[41]	V	Interharmonic U L2
2995	float	RD	_FFT_ULZ2[42]	V	Interharmonic U L2
2997	float	RD	_FFT_ULZ2[43]	V	Interharmonic U L2
2999	float	RD	_FFT_ULZ2[44]	V	Interharmonic U L2
3001	float	RD	_FFT_ULZ2[45]	V	Interharmonic U L2
3003	float	RD	_FFT_ULZ2[46]	V	Interharmonic U L2
3005	float	RD	_FFT_ULZ2[47]	V	Interharmonic U L2
3007	float	RD	_FFT_ULZ2[48]	V	Interharmonic U L2
3009	float	RD	_FFT_ULZ2[49]	V	Interharmonic U L2
3011	float	RD	_FFT_ULZ2[50]	V	Interharmonic U L2
3013	float	RD	_FFT_ULZ2[51]	V	Interharmonic U L2
3015	float	RD	_FFT_ULZ2[52]	V	Interharmonic U L2
3017	float	RD	_FFT_ULZ2[53]	V	Interharmonic U L2
3019	float	RD	_FFT_ULZ2[54]	V	Interharmonic U L2
3021	float	RD	_FFT_ULZ2[55]	V	Interharmonic U L2
3023	float	RD	_FFT_ULZ2[56]	V	Interharmonic U L2
3025	float	RD	_FFT_ULZ2[57]	V	Interharmonic U L2
3027	float	RD	_FFT_ULZ2[58]	V	Interharmonic U L2
3029	float	RD	_FFT_ULZ2[59]	V	Interharmonic U L2
3031	float	RD	_FFT_ULZ2[60]	V	Interharmonic U L2
3033	float	RD	_FFT_ULZ2[61]	V	Interharmonic U L2
3035	float	RD	_FFT_ULZ2[62]	V	Interharmonic U L2
3037	float	RD	_FFT_ULZ3[0]	V	Interharmonic U L3
3039	float	RD	_FFT_ULZ3[1]	V	Interharmonic U L3
3041	float	RD	_FFT_ULZ3[2]	V	Interharmonic U L3
3043	float	RD	_FFT_ULZ3[3]	V	Interharmonic U L3
3045	float	RD	_FFT_ULZ3[4]	V	Interharmonic U L3
3047	float	RD	_FFT_ULZ3[5]	V	Interharmonic U L3
3049	float	RD	_FFT_ULZ3[6]	V	Interharmonic U L3
3051	float	RD	_FFT_ULZ3[7]	V	Interharmonic U L3
3053	float	RD	_FFT_ULZ3[8]	V	Interharmonic U L3
3055	float	RD	_FFT_ULZ3[9]	V	Interharmonic U L3
3057	float	RD	_FFT_ULZ3[10]	V	Interharmonic U L3
3059	float	RD	_FFT_ULZ3[11]	V	Interharmonic U L3
3061	float	RD	_FFT_ULZ3[12]	V	Interharmonic U L3
3063	float	RD	_FFT_ULZ3[13]	V	Interharmonic U L3
3065	float	RD	_FFT_ULZ3[14]	V	Interharmonic U L3
3067	float	RD	_FFT_ULZ3[15]	V	Interharmonic U L3
3069	float	RD	_FFT_ULZ3[16]	V	Interharmonic U L3
3071	float	RD	_FFT_ULZ3[17]	V	Interharmonic U L3
3073	float	RD	_FFT_ULZ3[18]	V	Interharmonic U L3
3075	float	RD	_FFT_ULZ3[19]	V	Interharmonic U L3
3077	float	RD	_FFT_ULZ3[20]	V	Interharmonic U L3
3079	float	RD	_FFT_ULZ3[21]	V	Interharmonic U L3
3081	float	RD	_FFT_ULZ3[22]	V	Interharmonic U L3
3083	float	RD	_FFT_ULZ3[23]	V	Interharmonic U L3
3085	float	RD	_FFT_ULZ3[24]	V	Interharmonic U L3
3087	float	RD	_FFT_ULZ3[25]	V	Interharmonic U L3
3089	float	RD	_FFT_ULZ3[26]	V	Interharmonic U L3
3091	float	RD	_FFT_ULZ3[27]	V	Interharmonic U L3
3093	float	RD	_FFT_ULZ3[28]	V	Interharmonic U L3
3095	float	RD	_FFT_ULZ3[29]	V	Interharmonic U L3
3097	float	RD	_FFT_ULZ3[30]	V	Interharmonic U L3
3099	float	RD	_FFT_ULZ3[31]	V	Interharmonic U L3
3101	float	RD	_FFT_ULZ3[32]	V	Interharmonic U L3
3103	float	RD	_FFT_ULZ3[33]	V	Interharmonic U L3
3105	float	RD	_FFT_ULZ3[34]	V	Interharmonic U L3
3107	float	RD	_FFT_ULZ3[35]	V	Interharmonic U L3

Address	Format	RD/WR	Designation	Unit	Note
3109	float	RD	_FFT_ULZ3[36]	V	Interharmonic U L3
3111	float	RD	_FFT_ULZ3[37]	V	Interharmonic U L3
3113	float	RD	_FFT_ULZ3[38]	V	Interharmonic U L3
3115	float	RD	_FFT_ULZ3[39]	V	Interharmonic U L3
3117	float	RD	_FFT_ULZ3[40]	V	Interharmonic U L3
3119	float	RD	_FFT_ULZ3[41]	V	Interharmonic U L3
3121	float	RD	_FFT_ULZ3[42]	V	Interharmonic U L3
3123	float	RD	_FFT_ULZ3[43]	V	Interharmonic U L3
3125	float	RD	_FFT_ULZ3[44]	V	Interharmonic U L3
3127	float	RD	_FFT_ULZ3[45]	V	Interharmonic U L3
3129	float	RD	_FFT_ULZ3[46]	V	Interharmonic U L3
3131	float	RD	_FFT_ULZ3[47]	V	Interharmonic U L3
3133	float	RD	_FFT_ULZ3[48]	V	Interharmonic U L3
3135	float	RD	_FFT_ULZ3[49]	V	Interharmonic U L3
3137	float	RD	_FFT_ULZ3[50]	V	Interharmonic U L3
3139	float	RD	_FFT_ULZ3[51]	V	Interharmonic U L3
3141	float	RD	_FFT_ULZ3[52]	V	Interharmonic U L3
3143	float	RD	_FFT_ULZ3[53]	V	Interharmonic U L3
3145	float	RD	_FFT_ULZ3[54]	V	Interharmonic U L3
3147	float	RD	_FFT_ULZ3[55]	V	Interharmonic U L3
3149	float	RD	_FFT_ULZ3[56]	V	Interharmonic U L3
3151	float	RD	_FFT_ULZ3[57]	V	Interharmonic U L3
3153	float	RD	_FFT_ULZ3[58]	V	Interharmonic U L3
3155	float	RD	_FFT_ULZ3[59]	V	Interharmonic U L3
3157	float	RD	_FFT_ULZ3[60]	V	Interharmonic U L3
3159	float	RD	_FFT_ULZ3[61]	V	Interharmonic U L3
3161	float	RD	_FFT_ULZ3[62]	V	Interharmonic U L3
3163	float	RD	_FFT_ULZ4[0]	V	Interharmonic U L4
3165	float	RD	_FFT_ULZ4[1]	V	Interharmonic U L4
3167	float	RD	_FFT_ULZ4[2]	V	Interharmonic U L4
3169	float	RD	_FFT_ULZ4[3]	V	Interharmonic U L4
3171	float	RD	_FFT_ULZ4[4]	V	Interharmonic U L4
3173	float	RD	_FFT_ULZ4[5]	V	Interharmonic U L4
3175	float	RD	_FFT_ULZ4[6]	V	Interharmonic U L4
3177	float	RD	_FFT_ULZ4[7]	V	Interharmonic U L4
3179	float	RD	_FFT_ULZ4[8]	V	Interharmonic U L4
3181	float	RD	_FFT_ULZ4[9]	V	Interharmonic U L4
3183	float	RD	_FFT_ULZ4[10]	V	Interharmonic U L4
3185	float	RD	_FFT_ULZ4[11]	V	Interharmonic U L4
3187	float	RD	_FFT_ULZ4[12]	V	Interharmonic U L4
3189	float	RD	_FFT_ULZ4[13]	V	Interharmonic U L4
3191	float	RD	_FFT_ULZ4[14]	V	Interharmonic U L4
3193	float	RD	_FFT_ULZ4[15]	V	Interharmonic U L4
3195	float	RD	_FFT_ULZ4[16]	V	Interharmonic U L4
3197	float	RD	_FFT_ULZ4[17]	V	Interharmonic U L4
3199	float	RD	_FFT_ULZ4[18]	V	Interharmonic U L4
3201	float	RD	_FFT_ULZ4[19]	V	Interharmonic U L4
3203	float	RD	_FFT_ULZ4[20]	V	Interharmonic U L4
3205	float	RD	_FFT_ULZ4[21]	V	Interharmonic U L4
3207	float	RD	_FFT_ULZ4[22]	V	Interharmonic U L4
3209	float	RD	_FFT_ULZ4[23]	V	Interharmonic U L4
3211	float	RD	_FFT_ULZ4[24]	V	Interharmonic U L4
3213	float	RD	_FFT_ULZ4[25]	V	Interharmonic U L4
3215	float	RD	_FFT_ULZ4[26]	V	Interharmonic U L4
3217	float	RD	_FFT_ULZ4[27]	V	Interharmonic U L4
3219	float	RD	_FFT_ULZ4[28]	V	Interharmonic U L4
3221	float	RD	_FFT_ULZ4[29]	V	Interharmonic U L4
3223	float	RD	_FFT_ULZ4[30]	V	Interharmonic U L4
3225	float	RD	_FFT_ULZ4[31]	V	Interharmonic U L4
3227	float	RD	_FFT_ULZ4[32]	V	Interharmonic U L4
3229	float	RD	_FFT_ULZ4[33]	V	Interharmonic U L4
3231	float	RD	_FFT_ULZ4[34]	V	Interharmonic U L4
3233	float	RD	_FFT_ULZ4[35]	V	Interharmonic U L4
3235	float	RD	_FFT_ULZ4[36]	V	Interharmonic U L4
3237	float	RD	_FFT_ULZ4[37]	V	Interharmonic U L4

Address	Format	RD/WR	Designation	Unit	Note
3239	float	RD	_FFT_ULZ4[38]	V	Interharmonic U L4
3241	float	RD	_FFT_ULZ4[39]	V	Interharmonic U L4
3243	float	RD	_FFT_ULZ4[40]	V	Interharmonic U L4
3245	float	RD	_FFT_ULZ4[41]	V	Interharmonic U L4
3247	float	RD	_FFT_ULZ4[42]	V	Interharmonic U L4
3249	float	RD	_FFT_ULZ4[43]	V	Interharmonic U L4
3251	float	RD	_FFT_ULZ4[44]	V	Interharmonic U L4
3253	float	RD	_FFT_ULZ4[45]	V	Interharmonic U L4
3255	float	RD	_FFT_ULZ4[46]	V	Interharmonic U L4
3257	float	RD	_FFT_ULZ4[47]	V	Interharmonic U L4
3259	float	RD	_FFT_ULZ4[48]	V	Interharmonic U L4
3261	float	RD	_FFT_ULZ4[49]	V	Interharmonic U L4
3263	float	RD	_FFT_ULZ4[50]	V	Interharmonic U L4
3265	float	RD	_FFT_ULZ4[51]	V	Interharmonic U L4
3267	float	RD	_FFT_ULZ4[52]	V	Interharmonic U L4
3269	float	RD	_FFT_ULZ4[53]	V	Interharmonic U L4
3271	float	RD	_FFT_ULZ4[54]	V	Interharmonic U L4
3273	float	RD	_FFT_ULZ4[55]	V	Interharmonic U L4
3275	float	RD	_FFT_ULZ4[56]	V	Interharmonic U L4
3277	float	RD	_FFT_ULZ4[57]	V	Interharmonic U L4
3279	float	RD	_FFT_ULZ4[58]	V	Interharmonic U L4
3281	float	RD	_FFT_ULZ4[59]	V	Interharmonic U L4
3283	float	RD	_FFT_ULZ4[60]	V	Interharmonic U L4
3285	float	RD	_FFT_ULZ4[61]	V	Interharmonic U L4
3287	float	RD	_FFT_ULZ4[62]	V	Interharmonic U L4
3289	float	RD	_FFT_ILZ1[0]	A	Interharmonic I L1
3291	float	RD	_FFT_ILZ1[1]	A	Interharmonic I L1
3293	float	RD	_FFT_ILZ1[2]	A	Interharmonic I L1
3295	float	RD	_FFT_ILZ1[3]	A	Interharmonic I L1
3297	float	RD	_FFT_ILZ1[4]	A	Interharmonic I L1
3299	float	RD	_FFT_ILZ1[5]	A	Interharmonic I L1
3301	float	RD	_FFT_ILZ1[6]	A	Interharmonic I L1
3303	float	RD	_FFT_ILZ1[7]	A	Interharmonic I L1
3305	float	RD	_FFT_ILZ1[8]	A	Interharmonic I L1
3307	float	RD	_FFT_ILZ1[9]	A	Interharmonic I L1
3309	float	RD	_FFT_ILZ1[10]	A	Interharmonic I L1
3311	float	RD	_FFT_ILZ1[11]	A	Interharmonic I L1
3313	float	RD	_FFT_ILZ1[12]	A	Interharmonic I L1
3315	float	RD	_FFT_ILZ1[13]	A	Interharmonic I L1
3317	float	RD	_FFT_ILZ1[14]	A	Interharmonic I L1
3319	float	RD	_FFT_ILZ1[15]	A	Interharmonic I L1
3321	float	RD	_FFT_ILZ1[16]	A	Interharmonic I L1
3323	float	RD	_FFT_ILZ1[17]	A	Interharmonic I L1
3325	float	RD	_FFT_ILZ1[18]	A	Interharmonic I L1
3327	float	RD	_FFT_ILZ1[19]	A	Interharmonic I L1
3329	float	RD	_FFT_ILZ1[20]	A	Interharmonic I L1
3331	float	RD	_FFT_ILZ1[21]	A	Interharmonic I L1
3333	float	RD	_FFT_ILZ1[22]	A	Interharmonic I L1
3335	float	RD	_FFT_ILZ1[23]	A	Interharmonic I L1
3337	float	RD	_FFT_ILZ1[24]	A	Interharmonic I L1
3339	float	RD	_FFT_ILZ1[25]	A	Interharmonic I L1
3341	float	RD	_FFT_ILZ1[26]	A	Interharmonic I L1
3343	float	RD	_FFT_ILZ1[27]	A	Interharmonic I L1
3345	float	RD	_FFT_ILZ1[28]	A	Interharmonic I L1
3347	float	RD	_FFT_ILZ1[29]	A	Interharmonic I L1
3349	float	RD	_FFT_ILZ1[30]	A	Interharmonic I L1
3351	float	RD	_FFT_ILZ1[31]	A	Interharmonic I L1
3353	float	RD	_FFT_ILZ1[32]	A	Interharmonic I L1
3355	float	RD	_FFT_ILZ1[33]	A	Interharmonic I L1
3357	float	RD	_FFT_ILZ1[34]	A	Interharmonic I L1
3359	float	RD	_FFT_ILZ1[35]	A	Interharmonic I L1
3361	float	RD	_FFT_ILZ1[36]	A	Interharmonic I L1
3363	float	RD	_FFT_ILZ1[37]	A	Interharmonic I L1
3365	float	RD	_FFT_ILZ1[38]	A	Interharmonic I L1

Address	Format	RD/WR	Designation	Unit	Note
3367	float	RD	_FFT_ILZ1[39]	A	Interharmonic I L1
3369	float	RD	_FFT_ILZ1[40]	A	Interharmonic I L1
3371	float	RD	_FFT_ILZ1[41]	A	Interharmonic I L1
3373	float	RD	_FFT_ILZ1[42]	A	Interharmonic I L1
3375	float	RD	_FFT_ILZ1[43]	A	Interharmonic I L1
3377	float	RD	_FFT_ILZ1[44]	A	Interharmonic I L1
3379	float	RD	_FFT_ILZ1[45]	A	Interharmonic I L1
3381	float	RD	_FFT_ILZ1[46]	A	Interharmonic I L1
3383	float	RD	_FFT_ILZ1[47]	A	Interharmonic I L1
3385	float	RD	_FFT_ILZ1[48]	A	Interharmonic I L1
3387	float	RD	_FFT_ILZ1[49]	A	Interharmonic I L1
3389	float	RD	_FFT_ILZ1[50]	A	Interharmonic I L1
3391	float	RD	_FFT_ILZ1[51]	A	Interharmonic I L1
3393	float	RD	_FFT_ILZ1[52]	A	Interharmonic I L1
3395	float	RD	_FFT_ILZ1[53]	A	Interharmonic I L1
3397	float	RD	_FFT_ILZ1[54]	A	Interharmonic I L1
3399	float	RD	_FFT_ILZ1[55]	A	Interharmonic I L1
3401	float	RD	_FFT_ILZ1[56]	A	Interharmonic I L1
3403	float	RD	_FFT_ILZ1[57]	A	Interharmonic I L1
3405	float	RD	_FFT_ILZ1[58]	A	Interharmonic I L1
3407	float	RD	_FFT_ILZ1[59]	A	Interharmonic I L1
3409	float	RD	_FFT_ILZ1[60]	A	Interharmonic I L1
3411	float	RD	_FFT_ILZ1[61]	A	Interharmonic I L1
3413	float	RD	_FFT_ILZ1[62]	A	Interharmonic I L1
3415	float	RD	_FFT_ILZ2[0]	A	Interharmonic I L2
3417	float	RD	_FFT_ILZ2[1]	A	Interharmonic I L2
3419	float	RD	_FFT_ILZ2[2]	A	Interharmonic I L2
3421	float	RD	_FFT_ILZ2[3]	A	Interharmonic I L2
3423	float	RD	_FFT_ILZ2[4]	A	Interharmonic I L2
3425	float	RD	_FFT_ILZ2[5]	A	Interharmonic I L2
3427	float	RD	_FFT_ILZ2[6]	A	Interharmonic I L2
3429	float	RD	_FFT_ILZ2[7]	A	Interharmonic I L2
3431	float	RD	_FFT_ILZ2[8]	A	Interharmonic I L2
3433	float	RD	_FFT_ILZ2[9]	A	Interharmonic I L2
3435	float	RD	_FFT_ILZ2[10]	A	Interharmonic I L2
3437	float	RD	_FFT_ILZ2[11]	A	Interharmonic I L2
3439	float	RD	_FFT_ILZ2[12]	A	Interharmonic I L2
3441	float	RD	_FFT_ILZ2[13]	A	Interharmonic I L2
3443	float	RD	_FFT_ILZ2[14]	A	Interharmonic I L2
3445	float	RD	_FFT_ILZ2[15]	A	Interharmonic I L2
3447	float	RD	_FFT_ILZ2[16]	A	Interharmonic I L2
3449	float	RD	_FFT_ILZ2[17]	A	Interharmonic I L2
3451	float	RD	_FFT_ILZ2[18]	A	Interharmonic I L2
3453	float	RD	_FFT_ILZ2[19]	A	Interharmonic I L2
3455	float	RD	_FFT_ILZ2[20]	A	Interharmonic I L2
3457	float	RD	_FFT_ILZ2[21]	A	Interharmonic I L2
3459	float	RD	_FFT_ILZ2[22]	A	Interharmonic I L2
3461	float	RD	_FFT_ILZ2[23]	A	Interharmonic I L2
3463	float	RD	_FFT_ILZ2[24]	A	Interharmonic I L2
3465	float	RD	_FFT_ILZ2[25]	A	Interharmonic I L2
3467	float	RD	_FFT_ILZ2[26]	A	Interharmonic I L2
3469	float	RD	_FFT_ILZ2[27]	A	Interharmonic I L2
3471	float	RD	_FFT_ILZ2[28]	A	Interharmonic I L2
3473	float	RD	_FFT_ILZ2[29]	A	Interharmonic I L2
3475	float	RD	_FFT_ILZ2[30]	A	Interharmonic I L2
3477	float	RD	_FFT_ILZ2[31]	A	Interharmonic I L2
3479	float	RD	_FFT_ILZ2[32]	A	Interharmonic I L2
3481	float	RD	_FFT_ILZ2[33]	A	Interharmonic I L2
3483	float	RD	_FFT_ILZ2[34]	A	Interharmonic I L2
3485	float	RD	_FFT_ILZ2[35]	A	Interharmonic I L2
3487	float	RD	_FFT_ILZ2[36]	A	Interharmonic I L2
3489	float	RD	_FFT_ILZ2[37]	A	Interharmonic I L2
3491	float	RD	_FFT_ILZ2[38]	A	Interharmonic I L2
3493	float	RD	_FFT_ILZ2[39]	A	Interharmonic I L2
3495	float	RD	_FFT_ILZ2[40]	A	Interharmonic I L2

Address	Format	RD/WR	Designation	Unit	Note
3497	float	RD	_FFT_ILZ2[41]	A	Interharmonic I L2
3499	float	RD	_FFT_ILZ2[42]	A	Interharmonic I L2
3501	float	RD	_FFT_ILZ2[43]	A	Interharmonic I L2
3503	float	RD	_FFT_ILZ2[44]	A	Interharmonic I L2
3505	float	RD	_FFT_ILZ2[45]	A	Interharmonic I L2
3507	float	RD	_FFT_ILZ2[46]	A	Interharmonic I L2
3509	float	RD	_FFT_ILZ2[47]	A	Interharmonic I L2
3511	float	RD	_FFT_ILZ2[48]	A	Interharmonic I L2
3513	float	RD	_FFT_ILZ2[49]	A	Interharmonic I L2
3515	float	RD	_FFT_ILZ2[50]	A	Interharmonic I L2
3517	float	RD	_FFT_ILZ2[51]	A	Interharmonic I L2
3519	float	RD	_FFT_ILZ2[52]	A	Interharmonic I L2
3521	float	RD	_FFT_ILZ2[53]	A	Interharmonic I L2
3523	float	RD	_FFT_ILZ2[54]	A	Interharmonic I L2
3525	float	RD	_FFT_ILZ2[55]	A	Interharmonic I L2
3527	float	RD	_FFT_ILZ2[56]	A	Interharmonic I L2
3529	float	RD	_FFT_ILZ2[57]	A	Interharmonic I L2
3531	float	RD	_FFT_ILZ2[58]	A	Interharmonic I L2
3533	float	RD	_FFT_ILZ2[59]	A	Interharmonic I L2
3535	float	RD	_FFT_ILZ2[60]	A	Interharmonic I L2
3537	float	RD	_FFT_ILZ2[61]	A	Interharmonic I L2
3539	float	RD	_FFT_ILZ2[62]	A	Interharmonic I L2
3541	float	RD	_FFT_ILZ3[0]	A	Interharmonic I L3
3543	float	RD	_FFT_ILZ3[1]	A	Interharmonic I L3
3545	float	RD	_FFT_ILZ3[2]	A	Interharmonic I L3
3547	float	RD	_FFT_ILZ3[3]	A	Interharmonic I L3
3549	float	RD	_FFT_ILZ3[4]	A	Interharmonic I L3
3551	float	RD	_FFT_ILZ3[5]	A	Interharmonic I L3
3553	float	RD	_FFT_ILZ3[6]	A	Interharmonic I L3
3555	float	RD	_FFT_ILZ3[7]	A	Interharmonic I L3
3557	float	RD	_FFT_ILZ3[8]	A	Interharmonic I L3
3559	float	RD	_FFT_ILZ3[9]	A	Interharmonic I L3
3561	float	RD	_FFT_ILZ3[10]	A	Interharmonic I L3
3563	float	RD	_FFT_ILZ3[11]	A	Interharmonic I L3
3565	float	RD	_FFT_ILZ3[12]	A	Interharmonic I L3
3567	float	RD	_FFT_ILZ3[13]	A	Interharmonic I L3
3569	float	RD	_FFT_ILZ3[14]	A	Interharmonic I L3
3571	float	RD	_FFT_ILZ3[15]	A	Interharmonic I L3
3573	float	RD	_FFT_ILZ3[16]	A	Interharmonic I L3
3575	float	RD	_FFT_ILZ3[17]	A	Interharmonic I L3
3577	float	RD	_FFT_ILZ3[18]	A	Interharmonic I L3
3579	float	RD	_FFT_ILZ3[19]	A	Interharmonic I L3
3581	float	RD	_FFT_ILZ3[20]	A	Interharmonic I L3
3583	float	RD	_FFT_ILZ3[21]	A	Interharmonic I L3
3585	float	RD	_FFT_ILZ3[22]	A	Interharmonic I L3
3587	float	RD	_FFT_ILZ3[23]	A	Interharmonic I L3
3589	float	RD	_FFT_ILZ3[24]	A	Interharmonic I L3
3591	float	RD	_FFT_ILZ3[25]	A	Interharmonic I L3
3593	float	RD	_FFT_ILZ3[26]	A	Interharmonic I L3
3595	float	RD	_FFT_ILZ3[27]	A	Interharmonic I L3
3597	float	RD	_FFT_ILZ3[28]	A	Interharmonic I L3
3599	float	RD	_FFT_ILZ3[29]	A	Interharmonic I L3
3601	float	RD	_FFT_ILZ3[30]	A	Interharmonic I L3
3603	float	RD	_FFT_ILZ3[31]	A	Interharmonic I L3
3605	float	RD	_FFT_ILZ3[32]	A	Interharmonic I L3
3607	float	RD	_FFT_ILZ3[33]	A	Interharmonic I L3
3609	float	RD	_FFT_ILZ3[34]	A	Interharmonic I L3
3611	float	RD	_FFT_ILZ3[35]	A	Interharmonic I L3
3613	float	RD	_FFT_ILZ3[36]	A	Interharmonic I L3
3615	float	RD	_FFT_ILZ3[37]	A	Interharmonic I L3
3617	float	RD	_FFT_ILZ3[38]	A	Interharmonic I L3
3619	float	RD	_FFT_ILZ3[39]	A	Interharmonic I L3
3621	float	RD	_FFT_ILZ3[40]	A	Interharmonic I L3
3623	float	RD	_FFT_ILZ3[41]	A	Interharmonic I L3
3625	float	RD	_FFT_ILZ3[42]	A	Interharmonic I L3

Address	Format	RD/WR	Designation	Unit	Note
3627	float	RD	_FFT_ILZ3[43]	A	Interharmonic I L3
3629	float	RD	_FFT_ILZ3[44]	A	Interharmonic I L3
3631	float	RD	_FFT_ILZ3[45]	A	Interharmonic I L3
3633	float	RD	_FFT_ILZ3[46]	A	Interharmonic I L3
3635	float	RD	_FFT_ILZ3[47]	A	Interharmonic I L3
3637	float	RD	_FFT_ILZ3[48]	A	Interharmonic I L3
3639	float	RD	_FFT_ILZ3[49]	A	Interharmonic I L3
3641	float	RD	_FFT_ILZ3[50]	A	Interharmonic I L3
3643	float	RD	_FFT_ILZ3[51]	A	Interharmonic I L3
3645	float	RD	_FFT_ILZ3[52]	A	Interharmonic I L3
3647	float	RD	_FFT_ILZ3[53]	A	Interharmonic I L3
3649	float	RD	_FFT_ILZ3[54]	A	Interharmonic I L3
3651	float	RD	_FFT_ILZ3[55]	A	Interharmonic I L3
3653	float	RD	_FFT_ILZ3[56]	A	Interharmonic I L3
3655	float	RD	_FFT_ILZ3[57]	A	Interharmonic I L3
3657	float	RD	_FFT_ILZ3[58]	A	Interharmonic I L3
3659	float	RD	_FFT_ILZ3[59]	A	Interharmonic I L3
3661	float	RD	_FFT_ILZ3[60]	A	Interharmonic I L3
3663	float	RD	_FFT_ILZ3[61]	A	Interharmonic I L3
3665	float	RD	_FFT_ILZ3[62]	A	Interharmonic I L3
3667	float	RD	_FFT_ILZ4[0]	A	Interharmonic I L4
3669	float	RD	_FFT_ILZ4[1]	A	Interharmonic I L4
3671	float	RD	_FFT_ILZ4[2]	A	Interharmonic I L4
3673	float	RD	_FFT_ILZ4[3]	A	Interharmonic I L4
3675	float	RD	_FFT_ILZ4[4]	A	Interharmonic I L4
3677	float	RD	_FFT_ILZ4[5]	A	Interharmonic I L4
3679	float	RD	_FFT_ILZ4[6]	A	Interharmonic I L4
3681	float	RD	_FFT_ILZ4[7]	A	Interharmonic I L4
3683	float	RD	_FFT_ILZ4[8]	A	Interharmonic I L4
3685	float	RD	_FFT_ILZ4[9]	A	Interharmonic I L4
3687	float	RD	_FFT_ILZ4[10]	A	Interharmonic I L4
3689	float	RD	_FFT_ILZ4[11]	A	Interharmonic I L4
3691	float	RD	_FFT_ILZ4[12]	A	Interharmonic I L4
3693	float	RD	_FFT_ILZ4[13]	A	Interharmonic I L4
3695	float	RD	_FFT_ILZ4[14]	A	Interharmonic I L4
3697	float	RD	_FFT_ILZ4[15]	A	Interharmonic I L4
3699	float	RD	_FFT_ILZ4[16]	A	Interharmonic I L4
3701	float	RD	_FFT_ILZ4[17]	A	Interharmonic I L4
3703	float	RD	_FFT_ILZ4[18]	A	Interharmonic I L4
3705	float	RD	_FFT_ILZ4[19]	A	Interharmonic I L4
3707	float	RD	_FFT_ILZ4[20]	A	Interharmonic I L4
3709	float	RD	_FFT_ILZ4[21]	A	Interharmonic I L4
3711	float	RD	_FFT_ILZ4[22]	A	Interharmonic I L4
3713	float	RD	_FFT_ILZ4[23]	A	Interharmonic I L4
3715	float	RD	_FFT_ILZ4[24]	A	Interharmonic I L4
3717	float	RD	_FFT_ILZ4[25]	A	Interharmonic I L4
3719	float	RD	_FFT_ILZ4[26]	A	Interharmonic I L4
3721	float	RD	_FFT_ILZ4[27]	A	Interharmonic I L4
3723	float	RD	_FFT_ILZ4[28]	A	Interharmonic I L4
3725	float	RD	_FFT_ILZ4[29]	A	Interharmonic I L4
3727	float	RD	_FFT_ILZ4[30]	A	Interharmonic I L4
3729	float	RD	_FFT_ILZ4[31]	A	Interharmonic I L4
3731	float	RD	_FFT_ILZ4[32]	A	Interharmonic I L4
3733	float	RD	_FFT_ILZ4[33]	A	Interharmonic I L4
3735	float	RD	_FFT_ILZ4[34]	A	Interharmonic I L4
3737	float	RD	_FFT_ILZ4[35]	A	Interharmonic I L4
3739	float	RD	_FFT_ILZ4[36]	A	Interharmonic I L4
3741	float	RD	_FFT_ILZ4[37]	A	Interharmonic I L4
3743	float	RD	_FFT_ILZ4[38]	A	Interharmonic I L4
3745	float	RD	_FFT_ILZ4[39]	A	Interharmonic I L4
3747	float	RD	_FFT_ILZ4[40]	A	Interharmonic I L4
3749	float	RD	_FFT_ILZ4[41]	A	Interharmonic I L4
3751	float	RD	_FFT_ILZ4[42]	A	Interharmonic I L4
3753	float	RD	_FFT_ILZ4[43]	A	Interharmonic I L4
3755	float	RD	_FFT_ILZ4[44]	A	Interharmonic I L4
3757	float	RD	_FFT_ILZ4[45]	A	Interharmonic I L4

Address	Format	RD/WR	Designation	Unit	Note
3759	float	RD	_FFT_ILZ4[46]	A	Interharmonic I L4
3761	float	RD	_FFT_ILZ4[47]	A	Interharmonic I L4
3763	float	RD	_FFT_ILZ4[48]	A	Interharmonic I L4
3765	float	RD	_FFT_ILZ4[49]	A	Interharmonic I L4
3767	float	RD	_FFT_ILZ4[50]	A	Interharmonic I L4
3769	float	RD	_FFT_ILZ4[51]	A	Interharmonic I L4
3771	float	RD	_FFT_ILZ4[52]	A	Interharmonic I L4
3773	float	RD	_FFT_ILZ4[53]	A	Interharmonic I L4
3775	float	RD	_FFT_ILZ4[54]	A	Interharmonic I L4
3777	float	RD	_FFT_ILZ4[55]	A	Interharmonic I L4
3779	float	RD	_FFT_ILZ4[56]	A	Interharmonic I L4
3781	float	RD	_FFT_ILZ4[57]	A	Interharmonic I L4
3783	float	RD	_FFT_ILZ4[58]	A	Interharmonic I L4
3785	float	RD	_FFT_ILZ4[59]	A	Interharmonic I L4
3787	float	RD	_FFT_ILZ4[60]	A	Interharmonic I L4
3789	float	RD	_FFT_ILZ4[61]	A	Interharmonic I L4
3791	float	RD	_FFT_ILZ4[62]	A	Interharmonic I L4