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Power Quality Analyser
UMG 605-PRO

Modbus-address list and Formulary

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Modbus

Modbus functions (master)

As a master, the UMG605-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 UMG605-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 UMG605 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 (UMG605)	: 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 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. (Typically +- 1 minute/month)
- In order to improve the accuracy of the internal clock, it is recommended that the clock in the device is compared with a time service and reset.

Mean value of measured value

- For each measured value, a sliding mean value is calculated over the selected averaging time.
- The mean value is calculated every 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)

- 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, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, 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, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, UMG512-PRO)
- fund corresponds to n=1

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

THD

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

Interharmonics

- Sinusoidal oscillations, which frequencies are not a multiple integer of the mains frequency.
- Is calculated in the product series and UMG511, UMG512, 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, UMG96RM)
- M = 50 (UMG605, UMG605-PRO, UMG511, 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.

Voltage imbalance

$$Unsymmetrie = \frac{U_{Geg}}{U_{Mit}}$$

Under difference U (EN61000-4-30)

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

Under difference I

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

K-Factor

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

$$K\text{-}factor = \frac{1}{I_R^2} \sum_{h=1}^{\infty} I_h^2 h^2$$

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

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

Date and time

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

Measured values (200ms measuring window)

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

Adress	Format	Designation	Unit	Note
3909	float	_ULL_RE[1]	V	Phase conductor voltage real part, U L2-L3
3911	float	_ULL_RE[2]	V	Phase conductor voltage real part, U L3-L1
3913	float	_ULL_IM[0]	V	Phase conductor voltage imaginary part, U L1-L2
3915	float	_ULL_IM[1]	V	Phase conductor voltage imaginary part, U L2-L3
3917	float	_ULL_IM[2]	V	Phase conductor voltage imaginary part, U L3-L1
3919	float	_I_SUM3	A	Vector sum, IN = I1 + I2 + I3
3921	float	_I_SUM	A	Vector sum, I1 + I2 + I3 + I4
3923	float	_S_SUM3	VA	Sum, S = S1 + S2 + S3
3925	float	_P_SUM3	W	Sum, P = P1 + P2 + P3
3927	float	_Q_SUM3	var	Mains frequency reactive power sum, Q = Q1 + Q2 + Q3
3929	float	_COS_SUM3		CosPhi of mains frequency Calculated from Psum3 and Qsum3
3931	float	_S_SUM	VA	Sum, S = S1 + S2 + S3 + S4
3933	float	_P_SUM	W	Sum, P = P1 + P2 + P3 + P4
3935	float	_Q_SUM	var	Mains frequency reactive power sum, Q = Q1 + Q2 + Q3 + Q4
3937	float	_COS_SUM		CosPhi of mains frequency Calculated from Psum and Qsum
3939	float	_ULN_RE[0]	V	Voltage, real part, L1-N
3941	float	_ULN_RE[1]	V	Voltage, real part, L2-N
3943	float	_ULN_RE[2]	V	Voltage, real part, L3-N
3945	float	_ULN_RE[3]	V	Voltage, real part, L4-N
3947	float	_ULN_IM[0]	V	Voltage, imaginary part, L1-N
3949	float	_ULN_IM[1]	V	Voltage, imaginary part, L2-N
3951	float	_ULN_IM[2]	V	Voltage, imaginary part, L3-N
3953	float	_ULN_IM[3]	V	Voltage, imaginary part, L4-N
3955	float	_IL_RE[0]	A	Current, real part, L1
3957	float	_IL_RE[1]	A	Current, real part, L2
3959	float	_IL_RE[2]	A	Current, real part, L3
3961	float	_IL_RE[3]	A	Current, real part, L4
3963	float	_IL_IM[0]	A	Current, imaginary part, L1
3965	float	_IL_IM[1]	A	Current, imaginary part, L2
3967	float	_IL_IM[2]	A	Current, imaginary part, L3
3969	float	_IL_IM[3]	A	Current, imaginary part, L4
3971	float	_PHASE[0]	°	Phase, UL1 IL1
3973	float	_PHASE[1]	°	Phase, UL2 IL2
3975	float	_PHASE[2]	°	Phase, UL3 IL3
3977	float	_PHASE[3]	°	Phase, UL4 IL4
3979	float	_COS_PHI[0]		Fund. power factor, CosPhi; UL1 IL1
3981	float	_COS_PHI[1]		Fund. power factor, CosPhi; UL2 IL2
3983	float	_COS_PHI[2]		Fund. power factor, CosPhi; UL3 IL3
3985	float	_COS_PHI[3]		Fund. power factor, CosPhi; UL4 IL4
3987	float	_IND_CAP[0]		Sign, Q L1, +1=ind., -1=cap.
3989	float	_IND_CAP[1]		Sign, Q L2, +1=ind., -1=cap.
3991	float	_IND_CAP[2]		Sign, Q L3, +1=ind., -1=cap.
3993	float	_IND_CAP[3]		VSign, Q L4, +1=ind., -1=cap.
3995	float	_FREQ	Hz	Measured frequency
3997	float	_NORM_FREQ	Hz	Nominal frequency
3999	float	_UN	V	Zero sequence, voltage
4001	float	_UM	V	Positive sequence, voltage
4003	float	_UG	V	Negative sequence, voltage
4005	float	_U_SYM	%	Unsymmetrical; voltage
4007	float	_I_SYM	%	Unsymmetrical; current
4009	float	_PHASE_SEQ		Rotation field; 1=right, 0=none, -1=left

Adress	Format	Designation	Unit	Note
4011	float	_IN	A	Zero sequence, current
4013	float	_IM	A	Positive sequence, current
4015	float	_IG	A	Negative sequence, current
4017	float	_S0_POWER[0]	W	Input 1, measured value
4019	float	_S0_POWER[1]	W	Input 2, measured value
4021	float	_IL_CF[0]	A	Crest factor, I L1
4023	float	_IL_CF[1]	A	Crest factor, I L2
4025	float	_IL_CF[2]	A	Crest factor, I L3
4027	float	_IL_CF[3]	A	Crest factor, I L4
4029	float	_ULN_CF[0]	V	Crest factor, U L1
4031	float	_ULN_CF[1]	V	Crest factor, U L2
4033	float	_ULN_CF[2]	V	Crest factor, U L3
4035	float	_ULN_CF[3]	V	Crest factor, U L4
4037	float	_ULL_CF[0]	V	Crest factor, U L1-L2
4039	float	_ULL_CF[1]	V	Crest factor, U L2-L3
4041	float	_ULL_CF[2]	V	Crest factor, U L3-L1
4043	float	_IL_NEG_PEAK[0]	A	Peak value negative, I L1
4045	float	_IL_NEG_PEAK[1]	A	Peak value negative, I L2
4047	float	_IL_NEG_PEAK[2]	A	Peak value negative, I L3
4049	float	_IL_NEG_PEAK[3]	A	Peak value negative, I L4
4051	float	_ULN_NEG_PEAK[0]	V	Peak value negative, U L1-N
4053	float	_ULN_NEG_PEAK[1]	V	Peak value negative, U L2-N
4055	float	_ULN_NEG_PEAK[2]	V	Peak value negative, U L3-N
4057	float	_ULN_NEG_PEAK[3]	V	Peak value negative, U L4-N
4059	float	_IL_POS_PEAK[0]	A	Peak value positive, I L1
4061	float	_IL_POS_PEAK[1]	A	Peak value positive, I L2
4063	float	_IL_POS_PEAK[2]	A	Peak value positive, I L3
4065	float	_IL_POS_PEAK[3]	A	Peak value positive, I L4
4067	float	_ULN_POS_PEAK[0]	V	Peak value positive, U L1-N
4069	float	_ULN_POS_PEAK[1]	V	Peak value positive, U L2-N
4071	float	_ULN_POS_PEAK[2]	V	Peak value positive, U L3-N
4073	float	_ULN_POS_PEAK[3]	V	Peak value positive, U L4-N
4075	float	_IL_PEAK_PEAK[0]	A	Peak-peak value positive, I L1
4077	float	_IL_PEAK_PEAK[1]	A	Peak-peak value positive, I L2
4079	float	_IL_PEAK_PEAK[2]	A	Peak-peak value positive, I L3
4081	float	_IL_PEAK_PEAK[3]	A	Peak-peak value positive, I L4
4083	float	_ULN_PEAK_PEAK[0]	V	Peak-peak value positive, U L1-N
4085	float	_ULN_PEAK_PEAK[1]	V	Peak-peak value positive, U L2-N
4087	float	_ULN_PEAK_PEAK[2]	V	Peak-peak value positive, U L3-N
4089	float	_ULN_PEAK_PEAK[3]	V	Peak-peak value positive, U L4-N
4091	float	_IL_UNDER[0]	%	Under difference, I L1
4093	float	_IL_UNDER[1]	%	Under difference, I L2
4095	float	_IL_UNDER[2]	%	Under difference, I L3
4097	float	_IL_UNDER[3]	%	Under difference, I L4
4099	float	_ULN_UNDER[0]	%	Under difference, U L1 (61000-4-30)
4101	float	_ULN_UNDER[1]	%	Under difference, U L2 (61000-4-30)
4103	float	_ULN_UNDER[2]	%	Under difference, U L3 (61000-4-30)
4105	float	_ULN_UNDER[3]	%	Under difference, U L4 (61000-4-30)
4107	float	_IL_OVER[0]	%	Over difference, I L1
4109	float	_IL_OVER[1]	%	Over difference, I L2
4111	float	_IL_OVER[2]	%	Over difference, I L3
4113	float	_IL_OVER[3]	%	Over difference, I L4
4115	float	_ULN_OVER[0]	%	Over difference, U L1 (61000-4-30)
4117	float	_ULN_OVER[1]	%	Over difference, U L2 (61000-4-30)
4119	float	_ULN_OVER[2]	%	Over difference, U L3 (61000-4-30)
4121	float	_ULN_OVER[3]	%	Over difference, U L4 (61000-4-30)
4123	float	_ULL_NEG_PEAK[0]	V	Peak value negative, U L1-L2
4125	float	_ULL_NEG_PEAK[1]	V	Peak value negative, U L2-L3

Adress	Format	Designation	Unit	Note
4127	float	_ULL_NEG_PEAK[2]	V	Peak value negative, U L3-L1
4129	float	_ULL_POS_PEAK[0]	V	Peak value positive, U L1-L2
4131	float	_ULL_POS_PEAK[1]	V	Peak value positive, U L2-L3
4133	float	_ULL_POS_PEAK[2]	V	Peak value positive, U L3-L1
4135	float	_ULL_PEAK_PEAK[0]	V	Peak-peak value, U L1-L2
4137	float	_ULL_PEAK_PEAK[1]	V	Peak-peak value, U L2-L3
4139	float	_ULL_PEAK_PEAK[2]	V	Peak-peak value, U L3-L1
4141	float	_ULL_UNDER[0]	%	Under difference, U L1-L2 (61000-4-30)
4143	float	_ULL_UNDER[1]	%	Under difference, U L2-L3 (61000-4-30)
4145	float	_ULL_UNDER[2]	%	Under difference, U L3-L1 (61000-4-30)
4147	float	_ULL_OVER[0]	%	Over difference, U L1-L2 (61000-4-30)
4149	float	_ULL_OVER[1]	%	Over difference, U L2-L3 (61000-4-30)
4151	float	_ULL_OVER[2]	%	Over difference, U L3-L1 (61000-4-30)
4153	float	_FLI_PF5[0]		Current flicker Pf5, L1-N
4155	float	_FLI_PF5[1]		Current flicker Pf5, L2-N
4157	float	_FLI_PF5[2]		Current flicker Pf5, L3-N
4159	float	_FLI_PF5[3]		Current flicker Pf5, L4-N
4161	float	_FLI_SHORT_TERM[0]		Short-term flicker level, Pst (10m), L1-N
4163	float	_FLI_SHORT_TERM[1]		Short-term flicker level, Pst (10m), L2-N
4165	float	_FLI_SHORT_TERM[2]		Short-term flicker level, Pst (10m), L3-N
4167	float	_FLI_SHORT_TERM[3]		Short-term flicker level, Pst (10m), L4-N
4169	float	_FLI_LONG_TERM[0]		Long-term flicker level, Plt (2h), L1-N
4171	float	_FLI_LONG_TERM[1]		Long-term flicker level, Plt (2h), L2-N
4173	float	_FLI_LONG_TERM[2]		Long-term flicker level, Plt (2h), L3-N
4175	float	_FLI_LONG_TERM[3]		Long-term flicker level, Plt (2h), L4-N
4177	float	_URC[0]	V	Ripple control signal, U L1-N (61000-4-30)
4179	float	_URC[1]	V	Ripple control signal, U L2-N (61000-4-30)
4181	float	_URC[2]	V	Ripple control signal, U L3-N (61000-4-30)
4183	float	_URC[3]	V	Ripple control signal, U L4-N (61000-4-30)
4185	float	_IRC[0]	A	Ripple control signal, I L1
4187	float	_IRC[1]	A	Ripple control signal, I L2
4189	float	_IRC[2]	A	Ripple control signal, I L3
4191	float	_IRC[3]	A	Ripple control signal, I L4
4193	float	_ULL_RC[0]	V	Ripple control signal, U L1-L2 (61000-4-30)
4195	float	_ULL_RC[1]	V	Ripple control signal, U L2-L3 (61000-4-30)
4197	float	_ULL_RC[2]	V	Ripple control signal, U L3-L1 (61000-4-30)
4209	float	_EXT_TEMPERATUR	°C	Internal temperature
19636	float	_PF_TOTAL		PF_Total=P_Sum3/S_Sum3 Internal temperature
19638	float	_I_TDD[0]	%	IN Total Demand Distortion
19640	float	_I_TDD[1]	%	IN Total Demand Distortion
19642	float	_I_TDD[2]	%	IN Total Demand Distortion
19644	float	_I_TDD[3]	%	IN Total Demand Distortion
19646	float	_G_I_SYM	%	IN Total Demand Distortion
19648	float	_G_ULN_CF[0]		ULN Crest Faktor
19650	float	_G_ULN_CF[1]		ULN Crest Faktor
19652	float	_G_ULN_CF[2]		ULN Crest Faktor
19654	float	_G_ULL_CF[0]		ULL Crest Faktor
19656	float	_G_ULL_CF[1]		ULL Crest Faktor
19658	float	_G_ULL_CF[2]		ULL Crest Faktor
19660	float	_ILN_CF[0]		IN Crest Faktor
19662	float	_ILN_CF[1]		IN Crest Faktor
19664	float	_ILN_CF[2]		IN Crest Faktor
19666	float	_ILN_CF[3]		IN Crest Faktor
19688	float	_G_IRATED_TDD[0]		Maximum demand load current, L1..L3
19690	float	_G_IRATED_TDD[1]		Maximum demand load current, L4

Mean values (typ float)

Adress	Format	Designation	Unit	Note
4211	float	_ULN_AVG[0]	V	Average, U L1-N
4213	float	_ULN_AVG[1]	V	Average, U L2-N
4215	float	_ULN_AVG[2]	V	Average, U L3-N
4217	float	_ULN_AVG[3]	V	Average, U L4-N
4219	float	_ULL_AVG[0]	V	Average, U L1-L2
4221	float	_ULL_AVG[1]	V	Average, U L2-L3
4223	float	_ULL_AVG[2]	V	Average, U L3-L4
4225	float	_ULN_CF_AVG[0]	%	Mean value of the crest factor, U L1-N
4227	float	_ULN_CF_AVG[1]	%	Mean value of the crest factor, U L2-N
4229	float	_ULN_CF_AVG[2]	%	Mean value of the crest factor, U L3-N
4231	float	_ULN_CF_AVG[3]	%	Mean value of the crest factor, U L4-N
4233	float	_ULL_CF_AVG[0]	%	Mean value of the crest factor, U L1-L2
4235	float	_ULL_CF_AVG[1]	%	Mean value of the crest factor, U L2-L3
4237	float	_ULL_CF_AVG[2]	%	Mean value of the crest factor, U L3-L4
4239	float	_UN_AVG	V	Mean value zero sequence
4241	float	_UM_AVG	V	Mean value positive sequence
4243	float	_UG_AVG	V	Mean value negative sequence
4245	float	_THD_ULN_AVG[0]	%	Mean value THD U L1-N
4247	float	_THD_ULN_AVG[1]	%	Mean value THD U L2-N
4249	float	_THD_ULN_AVG[2]	%	Mean value THD U L3-N
4251	float	_THD_ULN_AVG[3]	%	Mean value THD U L4-N
4253	float	_THD_ZLN_AVG[0]	%	Mean value ZHD U L1-N
4255	float	_THD_ZLN_AVG[1]	%	Mean value ZHD U L2-N
4257	float	_THD_ZLN_AVG[2]	%	Mean value ZHD U L3-N
4259	float	_THD_ZLN_AVG[3]	%	Mean value ZHD U L4-N
4261	float	_ULN_OVER_AVG[0]	%	
4263	float	_ULN_OVER_AVG[1]	%	
4265	float	_ULN_OVER_AVG[2]	%	
4267	float	_ULN_OVER_AVG[3]	%	
4269	float	_ULN_UNDER_AVG[0]	%	
4271	float	_ULN_UNDER_AVG[1]	%	
4273	float	_ULN_UNDER_AVG[2]	%	
4275	float	_ULN_UNDER_AVG[3]	%	
4277	float	_ULN_NEG_PEAK_AVG[0]	V	
4279	float	_ULN_NEG_PEAK_AVG[1]	V	
4281	float	_ULN_NEG_PEAK_AVG[2]	V	
4283	float	_ULN_NEG_PEAK_AVG[3]	V	
4285	float	_ULN_POS_PEAK_AVG[0]	V	
4287	float	_ULN_POS_PEAK_AVG[1]	V	
4289	float	_ULN_POS_PEAK_AVG[2]	V	
4291	float	_ULN_POS_PEAK_AVG[3]	V	
4293	float	_ULN_PEAK_PEAK_AVG[0]	V	
4295	float	_ULN_PEAK_PEAK_AVG[1]	V	
4297	float	_ULN_PEAK_PEAK_AVG[2]	V	
4299	float	_ULN_PEAK_PEAK_AVG[3]	V	
4301	float	_THD_ULL_AVG[0]	%	
4303	float	_THD_ULL_AVG[1]	%	
4305	float	_THD_ULL_AVG[2]	%	
4307	float	_THD_ZLL_AVG[0]	%	
4309	float	_THD_ZLL_AVG[1]	%	
4311	float	_THD_ZLL_AVG[2]	%	
4313	float	_ULL_OVER_AVG[0]	%	
4315	float	_ULL_OVER_AVG[1]	%	
4317	float	_ULL_OVER_AVG[2]	%	
4319	float	_ULL_UNDER_AVG[0]	%	
4321	float	_ULL_UNDER_AVG[1]	%	
4323	float	_ULL_UNDER_AVG[2]	%	
4325	float	_ULL_NEG_PEAK_AVG[0]	V	

Adress	Format	Designation	Unit	Note
4327	float	_ULL_NEG_PEAK_AVG[1]	V	
4329	float	_ULL_NEG_PEAK_AVG[2]	V	
4331	float	_ULL_POS_PEAK_AVG[0]	V	
4333	float	_ULL_POS_PEAK_AVG[1]	V	
4335	float	_ULL_POS_PEAK_AVG[2]	V	
4337	float	_ULL_PEAK_PEAK_AVG[0]	V	
4339	float	_ULL_PEAK_PEAK_AVG[1]	V	
4341	float	_ULL_PEAK_PEAK_AVG[2]	V	
4343	float	_U_STERN_AVG	V	
4345	float	_U_SYM_AVG	%	
4347	float	_FREQ_AVG	Hz	
4349	float	_NORM_FREQ_AVG	Hz	
4351	float	_PLN_AVG[0]	W	Average, P L1
4353	float	_PLN_AVG[1]	W	Average, P L2
4355	float	_PLN_AVG[2]	W	Average, P L3
4357	float	_PLN_AVG[3]	W	Average, P L4
4359	float	_P_SUM_AVG	W	Average, Psum=P1+P2+P3+P4
4361	float	_Q_SUM_AVG	var	Average, Qsum=Q1+Q2+Q3+Q4
4363	float	_QLN_AVG[0]	var	Average, Q L1
4365	float	_QLN_AVG[1]	var	Average, Q L2
4367	float	_QLN_AVG[2]	var	Average, Q L3
4369	float	_QLN_AVG[3]	var	Average, Q L4
4371	float	_P_SUM3_AVG	W	Average, Psum3=P1+P2+P3
4373	float	_Q_SUM3_AVG	var	Average, Qsum3=Q1+Q2+Q3
4375	float	_ILN_AVG[0]	A	Average, I L1
4377	float	_ILN_AVG[1]	A	Average, I L2
4379	float	_ILN_AVG[2]	A	Average, I L3
4381	float	_ILN_AVG[3]	A	Average, I L4
4383	float	_SLN_AVG[0]	VA	Average, S L1
4385	float	_SLN_AVG[1]	VA	Average, S L2
4387	float	_SLN_AVG[2]	VA	Average, S L3
4389	float	_SLN_AVG[3]	VA	Average, S L4
4391	float	_I_SUM3_AVG	A	Average, IN=I1+I2+I3
4393	float	_I_SUM_AVG	A	Average, Isum=I1+I2+I3+I4
4395	float	_S_SUM3_AVG	VA	Average, Ssum3=S1+S2+S3
4397	float	_S_SUM_AVG	VA	Average, Ssum=S1+S2+S3+S4
4399	float	_THD_IL_AVG[0]	%	
4401	float	_THD_IL_AVG[1]	%	
4403	float	_THD_IL_AVG[2]	%	
4405	float	_THD_IL_AVG[3]	%	
4407	float	_ZHD_IL_AVG[0]	%	
4409	float	_ZHD_IL_AVG[1]	%	
4411	float	_ZHD_IL_AVG[2]	%	
4413	float	_ZHD_IL_AVG[3]	%	
4415	float	_ILN_CF_AVG[0]	%	
4417	float	_ILN_CF_AVG[1]	%	
4419	float	_ILN_CF_AVG[2]	%	
4421	float	_ILN_CF_AVG[3]	%	
4423	float	_IN_AVG	A	Average, current, zero sequence
4425	float	_IM_AVG	A	Average, current, positive sequence
4427	float	_IG_AVG	A	Average, current, negative sequence
4429	float	_I_SYM_AVG	%	
4431	float	_ILN_OVER_AVG[0]	%	
4433	float	_ILN_OVER_AVG[1]	%	
4435	float	_ILN_OVER_AVG[2]	%	
4437	float	_ILN_OVER_AVG[3]	%	
4439	float	_ILN_UNDER_AVG[0]	%	
4441	float	_ILN_UNDER_AVG[1]	%	

Adress	Format	Designation	Unit	Note
4443	float	_ILN_UNDER_AVG[2]	%	
4445	float	_ILN_UNDER_AVG[3]	%	
4447	float	_ILN_NEG_PEAK_AVG[0]	A	
4449	float	_ILN_NEG_PEAK_AVG[1]	A	
4451	float	_ILN_NEG_PEAK_AVG[2]	A	
4453	float	_ILN_NEG_PEAK_AVG[3]	A	
4455	float	_ILN_POS_PEAK_AVG[0]	A	
4457	float	_ILN_POS_PEAK_AVG[1]	A	
4459	float	_ILN_POS_PEAK_AVG[2]	A	
4461	float	_ILN_POS_PEAK_AVG[3]	A	
4463	float	_ILN_PEAK_PEAK_AVG[0]	A	
4465	float	_ILN_PEAK_PEAK_AVG[1]	A	
4467	float	_ILN_PEAK_PEAK_AVG[2]	A	
4469	float	_ILN_PEAK_PEAK_AVG[3]	A	
4471	float	_FLI_PF5_AVG[0]		
4473	float	_FLI_PF5_AVG[1]		
4475	float	_FLI_PF5_AVG[2]		
4477	float	_FLI_PF5_AVG[3]		
4479	float	_FLI_ST_AVG[0]		
4481	float	_FLI_ST_AVG[1]		
4483	float	_FLI_ST_AVG[2]		
4485	float	_FLI_ST_AVG[3]		
4487	float	_FLI_LT_AVG[0]		
4489	float	_FLI_LT_AVG[1]		
4491	float	_FLI_LT_AVG[2]		
4493	float	_FLI_LT_AVG[3]		
4495	float	_IRC_AVG[0]	A	
4497	float	_IRC_AVG[1]	A	
4499	float	_IRC_AVG[2]	A	
4501	float	_IRC_AVG[3]	A	
4503	float	_ULL_RC_AVG[0]	V	
4505	float	_ULL_RC_AVG[1]	V	
4507	float	_ULLR_C_AVG[2]	V	
4519	float	_PFLN_AVG[0]	%	
4521	float	_PFLN_AVG[1]	%	
4523	float	_PFLN_AVG[2]	%	
4525	float	_PFLN_AVG[3]	%	
4527	float	_DLN_AVG[0]	var	
4529	float	_DLN_AVG[1]	var	
4531	float	_DLN_AVG[2]	var	
4533	float	_DLN_AVG[3]	var	
4535	float	_KFACT_AVG[0]	%	
4537	float	_KFACT_AVG[1]	%	
4539	float	_KFACT_AVG[2]	%	
4541	float	_KFACT_AVG[3]	%	
4543	float	_S0_POWER_AVG[0]	W	
4545	float	_S0_POWER_AVG[1]	W	
4547	float	_EXT_TEMPERATUR_AVG	°C	
19630	float	_ULN_AVG_SUM	V	
19632	float	_ULL_AVG_SUM	V	
19634	float	_ILN_AVG_SUM	A	
19696	float	_TDD_AVG	%	

Minimum values (typ float)

Adress	Format	Designation	Unit	Note
4549	float	_ULN_MIN[0]	V	Minimum, U L1-N
4551	float	_ULN_MIN[1]	V	Minimum, U L2-N
4553	float	_ULN_MIN[2]	V	Minimum, U L3-N
4555	float	_ULN_MIN[3]	V	Minimum, U L4-N
4557	float	_ULL_MIN[0]	V	Minimum, U L1-L2
4559	float	_ULL_MIN[1]	V	Minimum, U L2-L3
4561	float	_ULL_MIN[2]	V	Minimum, U L3-L4
4563	float	_ULN_CF_MIN[0]	%	
4565	float	_ULN_CF_MIN[1]	%	
4567	float	_ULN_CF_MIN[2]	%	
4569	float	_ULN_CF_MIN[3]	%	
4571	float	_ULL_CF_MIN[0]	%	
4573	float	_ULL_CF_MIN[1]	%	
4575	float	_ULL_CF_MIN[2]	%	
4577	float	_UN_MIN	V	
4579	float	_UM_MIN	V	
4581	float	_UG_MIN	V	
4583	float	_URC_MIN[0]	V	
4585	float	_URC_MIN[1]	V	
4587	float	_URC_MIN[2]	V	
4589	float	_URC_MIN[3]	V	
4591	float	_THD_ULN_MIN[0]	%	
4593	float	_THD_ULN_MIN[1]	%	
4595	float	_THD_ULN_MIN[2]	%	
4597	float	_THD_ULN_MIN[3]	%	
4599	float	_THD_ZLN_MIN[0]	%	
4601	float	_THD_ZLN_MIN[1]	%	
4603	float	_THD_ZLN_MIN[2]	%	
4605	float	_THD_ZLN_MIN[3]	%	
4607	float	_ULN_OVER_MIN[0]	%	
4609	float	_ULN_OVER_MIN[1]	%	
4611	float	_ULN_OVER_MIN[2]	%	
4613	float	_ULN_OVER_MIN[3]	%	
4615	float	_ULN_UNDER_MIN[0]	%	
4617	float	_ULN_UNDER_MIN[1]	%	
4619	float	_ULN_UNDER_MIN[2]	%	
4621	float	_ULN_UNDER_MIN[3]	%	
4623	float	_ULN_NEG_PEAK_MIN[0]	V	
4625	float	_ULN_NEG_PEAK_MIN[1]	V	
4627	float	_ULN_NEG_PEAK_MIN[2]	V	
4629	float	_ULN_NEG_PEAK_MIN[3]	V	
4631	float	_ULN_POS_PEAK_MIN[0]	V	
4633	float	_ULN_POS_PEAK_MIN[1]	V	
4635	float	_ULN_POS_PEAK_MIN[2]	V	
4637	float	_ULN_POS_PEAK_MIN[3]	V	
4639	float	_ULN_PEAK_PEAK_MIN[0]	V	
4641	float	_ULN_PEAK_PEAK_MIN[1]	V	
4643	float	_ULN_PEAK_PEAK_MIN[2]	V	
4645	float	_ULN_PEAK_PEAK_MIN[3]	V	
4647	float	_THD_ULL_MIN[0]	%	
4649	float	_THD_ULL_MIN[1]	%	
4651	float	_THD_ULL_MIN[2]	%	
4653	float	_THD_ZLL_MIN[0]	%	
4655	float	_THD_ZLL_MIN[1]	%	
4657	float	_THD_ZLL_MIN[2]	%	
4659	float	_ULL_OVER_MIN[0]	%	
4661	float	_ULL_OVER_MIN[1]	%	
4663	float	_ULL_OVER_MIN[2]	%	

Adress	Format	Designation	Unit	Note
4665	float	_ULL_UNDER_MIN[0]	%	
4667	float	_ULL_UNDER_MIN[1]	%	
4669	float	_ULL_UNDER_MIN[2]	%	
4671	float	_ULL_NEG_PEAK_MIN[0]	V	
4673	float	_ULL_NEG_PEAK_MIN[1]	V	
4675	float	_ULL_NEG_PEAK_MIN[2]	V	
4677	float	_ULL_POS_PEAK_MIN[0]	V	
4679	float	_ULL_POS_PEAK_MIN[1]	V	
4681	float	_ULL_POS_PEAK_MIN[2]	V	
4683	float	_ULL_PEAK_PEAK_MIN[0]	V	
4685	float	_ULL_PEAK_PEAK_MIN[1]	V	
4687	float	_ULL_PEAK_PEAK_MIN[2]	V	
4689	float	_U_STERN_MIN	V	
4691	float	_U_SYM_MIN	%	
4693	float	_FREQ_MIN	Hz	
4695	float	_NORM_FREQ_MIN	Hz	
4697	float	_PLN_MIN[0]	W	
4699	float	_PLN_MIN[1]	W	
4701	float	_PLN_MIN[2]	W	
4703	float	_PLN_MIN[3]	W	
4705	float	_P_SUM_MIN	W	
4707	float	_Q_SUM_MIN	var	
4709	float	_QLN_MIN[0]	var	
4711	float	_QLN_MIN[1]	var	
4713	float	_QLN_MIN[2]	var	
4715	float	_QLN_MIN[3]	var	
4717	float	_P_SUM3_MIN	W	
4719	float	_Q_SUM3_MIN	var	
4721	float	_EXT_TEMPERATUR_MIN	°C	

Maximum values (typ float)

Adress	Format	Designation	Unit	Note
4723	float	_ULN_MAX[0]	V	Maximum, U L1-N
4725	float	_ULN_MAX[1]	V	Maximum, U L2-N
4727	float	_ULN_MAX[2]	V	Maximum, U L3-N
4729	float	_ULN_MAX[3]	V	Maximum, U L4-N
4731	float	_ULL_MAX[0]	V	Maximum, U L1-L2
4733	float	_ULL_MAX[1]	V	Maximum, U L2-L3
4735	float	_ULL_MAX[2]	V	Maximum, U L3-L4
4737	float	_ULN_CF_MAX[0]	%	
4739	float	_ULN_CF_MAX[1]	%	
4741	float	_ULN_CF_MAX[2]	%	
4743	float	_ULN_CF_MAX[3]	%	
4745	float	_ULL_CF_MAX[0]	%	
4747	float	_ULL_CF_MAX[1]	%	
4749	float	_ULL_CF_MAX[2]	%	
4751	float	_UN_MAX	V	
4753	float	_UM_MAX	V	
4755	float	_UG_MAX	V	
4757	float	_URC_MAX[0]	V	
4759	float	_URC_MAX[1]	V	
4761	float	_URC_MAX[2]	V	
4763	float	_URC_MAX[3]	V	
4765	float	_THD_ULN_MAX[0]	%	
4767	float	_THD_ULN_MAX[1]	%	
4769	float	_THD_ULN_MAX[2]	%	
4771	float	_THD_ULN_MAX[3]	%	
4773	float	_THD_ZLN_MAX[0]	%	
4775	float	_THD_ZLN_MAX[1]	%	
4777	float	_THD_ZLN_MAX[2]	%	
4779	float	_THD_ZLN_MAX[3]	%	
4781	float	_ULN_OVER_MAX[0]	%	
4783	float	_ULN_OVER_MAX[1]	%	
4785	float	_ULN_OVER_MAX[2]	%	
4787	float	_ULN_OVER_MAX[3]	%	
4789	float	_ULN_UNDER_MAX[0]	%	
4791	float	_ULN_UNDER_MAX[1]	%	
4793	float	_ULN_UNDER_MAX[2]	%	
4795	float	_ULN_UNDER_MAX[3]	%	
4797	float	_ULN_NEG_PEAK_MAX[0]	V	
4799	float	_ULN_NEG_PEAK_MAX[1]	V	
4801	float	_ULN_NEG_PEAK_MAX[2]	V	
4803	float	_ULN_NEG_PEAK_MAX[3]	V	
4805	float	_ULN_POS_PEAK_MAX[0]	V	
4807	float	_ULN_POS_PEAK_MAX[1]	V	
4809	float	_ULN_POS_PEAK_MAX[2]	V	
4811	float	_ULN_POS_PEAK_MAX[3]	V	
4813	float	_ULN_PEAK_PEAK_MAX[0]	V	
4815	float	_ULN_PEAK_PEAK_MAX[1]	V	
4817	float	_ULN_PEAK_PEAK_MAX[2]	V	
4819	float	_ULN_PEAK_PEAK_MAX[3]	V	
4821	float	_THD_ULL_MAX[0]	%	
4823	float	_THD_ULL_MAX[1]	%	
4825	float	_THD_ULL_MAX[2]	%	
4827	float	_THD_ZLL_MAX[0]	%	
4829	float	_THD_ZLL_MAX[1]	%	
4831	float	_THD_ZLL_MAX[2]	%	
4833	float	_ULL_OVER_MAX[0]	%	
4835	float	_ULL_OVER_MAX[1]	%	
4837	float	_ULL_OVER_MAX[2]	%	

Adress	Format	Designation	Unit	Note
4839	float	_ULL_UNDER_MAX[0]	%	
4841	float	_ULL_UNDER_MAX[1]	%	
4843	float	_ULL_UNDER_MAX[2]	%	
4845	float	_ULL_NEG_PEAK_MAX[0]	V	
4847	float	_ULL_NEG_PEAK_MAX[1]	V	
4849	float	_ULL_NEG_PEAK_MAX[2]	V	
4851	float	_ULL_POS_PEAK_MAX[0]	V	
4853	float	_ULL_POS_PEAK_MAX[1]	V	
4855	float	_ULL_POS_PEAK_MAX[2]	V	
4857	float	_ULL_PEAK_PEAK_MAX[0]	V	
4859	float	_ULL_PEAK_PEAK_MAX[1]	V	
4861	float	_ULL_PEAK_PEAK_MAX[2]	V	
4863	float	_U_STERN_MAX	V	
4865	float	_U_SYM_MAX	%	
4867	float	_FREQ_MAX	Hz	
4869	float	_NORM_FREQ_MAX	Hz	
4871	float	_PLN_MAX[0]	W	
4873	float	_PLN_MAX[1]	W	
4875	float	_PLN_MAX[2]	W	
4877	float	_PLN_MAX[3]	W	
4879	float	_P_SUM_MAX	W	
4881	float	_Q_SUM_MAX	var	
4883	float	_QLN_MAX[0]	var	
4885	float	_QLN_MAX[1]	var	
4887	float	_QLN_MAX[2]	var	
4889	float	_QLN_MAX[3]	var	
4891	float	_P_SUM3_MAX	W	
4893	float	_Q_SUM3_MAX	var	
4895	float	_ILN_MAX[0]	A	
4897	float	_ILN_MAX[1]	A	
4899	float	_ILN_MAX[2]	A	
4901	float	_ILN_MAX[3]	A	
4903	float	_SLN_MAX[0]	VA	
4905	float	_SLN_MAX[1]	VA	
4907	float	_SLN_MAX[2]	VA	
4909	float	_SLN_MAX[3]	VA	
4911	float	_I_SUM3_MAX	A	
4913	float	_I_SUM_MAX	A	
4915	float	_S_SUM3_MAX	VA	
4917	float	_S_SUM_MAX	VA	
4919	float	_THD_IL_MAX[0]	%	
4921	float	_THD_IL_MAX[1]	%	
4923	float	_THD_IL_MAX[2]	%	
4925	float	_THD_IL_MAX[3]	%	
4927	float	_ZHD_IL_MAX[0]	%	
4929	float	_ZHD_IL_MAX[1]	%	
4931	float	_ZHD_IL_MAX[2]	%	
4933	float	_ZHD_IL_MAX[3]	%	
4935	float	_ILN_CF_MAX[0]	%	
4937	float	_ILN_CF_MAX[1]	%	
4939	float	_ILN_CF_MAX[2]	%	
4941	float	_ILN_CF_MAX[3]	%	
4943	float	_IN_MAX	A	
4945	float	_IM_MAX	A	
4947	float	_IG_MAX	A	
4949	float	_I_SYM_MAX	%	
4951	float	_ILN_OVER_MAX[0]	%	
4953	float	_ILN_OVER_MAX[1]	%	

Adress	Format	Designation	Unit	Note
4955	float	_ILN_OVER_MAX[2]	%	
4957	float	_ILN_OVER_MAX[3]	%	
4959	float	_ILN_UNDER_MAX[0]	%	
4961	float	_ILN_UNDER_MAX[1]	%	
4963	float	_ILN_UNDER_MAX[2]	%	
4965	float	_ILN_UNDER_MAX[3]	%	
4967	float	_ILN_NEG_PEAK_MAX[0]	A	
4969	float	_ILN_NEG_PEAK_MAX[1]	A	
4971	float	_ILN_NEG_PEAK_MAX[2]	A	
4973	float	_ILN_NEG_PEAK_MAX[3]	A	
4975	float	_ILN_POS_PEAK_MAX[0]	A	
4977	float	_ILN_POS_PEAK_MAX[1]	A	
4979	float	_ILN_POS_PEAK_MAX[2]	A	
4981	float	_ILN_POS_PEAK_MAX[3]	A	
4983	float	_ILN_PEAK_PEAK_MAX[0]	A	
4985	float	_ILN_PEAK_PEAK_MAX[1]	A	
4987	float	_ILN_PEAK_PEAK_MAX[2]	A	
4989	float	_ILN_PEAK_PEAK_MAX[3]	A	
4991	float	_FLI_PF5_MAX[0]		
4993	float	_FLI_PF5_MAX[1]		
4995	float	_FLI_PF5_MAX[2]		
4997	float	_FLI_PF5_MAX[3]		
4999	float	_FLI_ST_MAX[0]		
5001	float	_FLI_ST_MAX[1]		
5003	float	_FLI_ST_MAX[2]		
5005	float	_FLI_ST_MAX[3]		
5007	float	_FLI_LT_MAX[0]		
5009	float	_FLI_LT_MAX[1]		
5011	float	_FLI_LT_MAX[2]		
5013	float	_FLI_LT_MAX[3]		
5015	float	_ILN_RC_MAX[0]	A	
5017	float	_ILN_RC_MAX[1]	A	
5019	float	_ILN_RC_MAX[2]	A	
5021	float	_ILN_RC_MAX[3]	A	
5023	float	_ULL_RC_MAX[0]	V	
5025	float	_ULL_RC_MAX[1]	V	
5027	float	_ULL_RC_MAX[2]	V	
5039	float	_PFLN_MAX[0]	%	
5041	float	_PFLN_MAX[1]	%	
5043	float	_PFLN_MAX[2]	%	
5045	float	_PFLN_MAX[3]	%	
5047	float	_DLN_MAX[0]	var	
5049	float	_DLN_MAX[1]	var	
5051	float	_DLN_MAX[2]	var	
5053	float	_DLN_MAX[3]	var	
5055	float	_KFACT_MAX[0]	%	
5057	float	_KFACT_MAX[1]	%	
5059	float	_KFACT_MAX[2]	%	
5061	float	_KFACT_MAX[3]	%	
5063	float	_S0_POWER_MAX[0]	W	
5065	float	_S0_POWER_MAX[1]	W	
5067	float	_EXT_TEMPERATUR_MAX	°C	

Averaging time

Adress	Format	Designation	Unit	Note
5069	short	_ULN_AVG_T[0]	n	Averaging time, U L1-N
5070	short	_ULN_AVG_T[1]	n	Averaging time, U L2-N
5071	short	_ULN_AVG_T[2]	n	Averaging time, U L3-N
5072	short	_ULN_AVG_T[3]	n	Averaging time, U L4-N
5073	short	_ULL_AVG_T[0]	n	Averaging time, U L1-L2
5074	short	_ULL_AVG_T[1]	n	Averaging time, U L2-L3
5075	short	_ULL_AVG_T[2]	n	Averaging time, U L3-L4
5076	short	_ULN_CF_AVG_T[0]	n	
5077	short	_ULN_CF_AVG_T[1]	n	
5078	short	_ULN_CF_AVG_T[2]	n	
5079	short	_ULN_CF_AVG_T[3]	n	
5080	short	_ULL_CF_AVG_T[0]	n	
5081	short	_ULL_CF_AVG_T[1]	n	
5082	short	_ULL_CF_AVG_T[2]	n	
5083	short	_UN_AVG_T	n	
5084	short	_UM_AVG_T	n	
5085	short	_UG_AVG_T	n	
5086	short	_URC_AVG_T[0]	n	
5087	short	_URC_AVG_T[1]	n	
5088	short	_URC_AVG_T[2]	n	
5089	short	_URC_AVG_T[3]	n	
5090	short	_THD_ULN_AVG_T[0]	n	
5091	short	_THD_ULN_AVG_T[1]	n	
5092	short	_THD_ULN_AVG_T[2]	n	
5093	short	_THD_ULN_AVG_T[3]	n	
5094	short	_THD_ZLN_AVG_T[0]	n	
5095	short	_THD_ZLN_AVG_T[1]	n	
5096	short	_THD_ZLN_AVG_T[2]	n	
5097	short	_THD_ZLN_AVG_T[3]	n	
5098	short	_ULN_OVER_AVG_T[0]	n	
5099	short	_ULN_OVER_AVG_T[1]	n	
5100	short	_ULN_OVER_AVG_T[2]	n	
5101	short	_ULN_OVER_AVG_T[3]	n	
5102	short	_ULN_UNDER_AVG_T[0]	n	
5103	short	_ULN_UNDER_AVG_T[1]	n	
5104	short	_ULN_UNDER_AVG_T[2]	n	
5105	short	_ULN_UNDER_AVG_T[3]	n	
5106	short	_ULN_NEG_PEAK_AVG_T[0]	n	
5107	short	_ULN_NEG_PEAK_AVG_T[1]	n	
5108	short	_ULN_NEG_PEAK_AVG_T[2]	n	
5109	short	_ULN_NEG_PEAK_AVG_T[3]	n	
5110	short	_ULN_POS_PEAK_AVG_T[0]	n	
5111	short	_ULN_POS_PEAK_AVG_T[1]	n	
5112	short	_ULN_POS_PEAK_AVG_T[2]	n	
5113	short	_ULN_POS_PEAK_AVG_T[3]	n	
5114	short	_ULN_PEAK_PEAK_AVG_T[0]	n	
5115	short	_ULN_PEAK_PEAK_AVG_T[1]	n	
5116	short	_ULN_PEAK_PEAK_AVG_T[2]	n	
5117	short	_ULN_PEAK_PEAK_AVG_T[3]	n	
5118	short	_THD_ULL_AVG_T[0]	n	
5119	short	_THD_ULL_AVG_T[1]	n	
5120	short	_THD_ULL_AVG_T[2]	n	
5121	short	_THD_ZLL_AVG_T[0]	n	
5122	short	_THD_ZLL_AVG_T[1]	n	
5123	short	_THD_ZLL_AVG_T[2]	n	
5124	short	_ULL_OVER_AVG_T[0]	n	
5125	short	_ULL_OVER_AVG_T[1]	n	
5126	short	_ULL_OVER_AVG_T[2]	n	

Adress	Format	Designation	Unit	Note
5127	short	_ULL_UNDER_AVG_T[0]	n	
5128	short	_ULL_UNDER_AVG_T[1]	n	
5129	short	_ULL_UNDER_AVG_T[2]	n	
5130	short	_ULL_NEG_PEAK_AVG_T[0]	n	
5131	short	_ULL_NEG_PEAK_AVG_T[1]	n	
5132	short	_ULL_NEG_PEAK_AVG_T[2]	n	
5133	short	_ULL_POS_PEAK_AVG_T[0]	n	
5134	short	_ULL_POS_PEAK_AVG_T[1]	n	
5135	short	_ULL_POS_PEAK_AVG_T[2]	n	
5136	short	_ULL_PEAK_PEAK_AVG_T[0]	n	
5137	short	_ULL_PEAK_PEAK_AVG_T[1]	n	
5138	short	_ULL_PEAK_PEAK_AVG_T[2]	n	
5139	short	_U_STERN_AVG_T	n	
5140	short	_U_SYM_AVG_T	n	
5141	short	_FREQ_AVG_T	n	
5142	short	_NORM_FREQ_AVG_T	n	
5143	short	_PLN_AVG_T[0]	n	
5144	short	_PLN_AVG_T[1]	n	
5145	short	_PLN_AVG_T[2]	n	
5146	short	_PLN_AVG_T[3]	n	
5147	short	_P_SUM_AVG_T	n	
5148	short	_Q_SUM_AVG_T	n	
5149	short	_QLN_AVG_T[0]	n	
5150	short	_QLN_AVG_T[1]	n	
5151	short	_QLN_AVG_T[2]	n	
5152	short	_QLN_AVG_T[3]	n	
5153	short	_P_SUM3_AVG_T	n	
5154	short	_Q_SUM3_AVG_T	n	
5155	short	_ILN_AVG_T[0]	n	
5156	short	_ILN_AVG_T[1]	n	
5157	short	_ILN_AVG_T[2]	n	
5158	short	_ILN_AVG_T[3]	n	
5159	short	_SLN_AVG_T[0]	n	
5160	short	_SLN_AVG_T[1]	n	
5161	short	_SLN_AVG_T[2]	n	
5162	short	_SLN_AVG_T[3]	n	
5163	short	_I_SUM3_AVG_T	n	
5164	short	_I_SUM_AVG_T	n	
5165	short	_S_SUM3_AVG_T	n	
5166	short	_S_SUM_AVG_T	n	
5167	short	_THD_IL_AVG_T[0]	n	
5168	short	_THD_IL_AVG_T[1]	n	
5169	short	_THD_IL_AVG_T[2]	n	
5170	short	_THD_IL_AVG_T[3]	n	
5171	short	_ZHD_IL_AVG_T[0]	n	
5172	short	_ZHD_IL_AVG_T[1]	n	
5173	short	_ZHD_IL_AVG_T[2]	n	
5174	short	_ZHD_IL_AVG_T[3]	n	
5175	short	_ILN_CF_AVG_T[0]	n	
5176	short	_ILN_CF_AVG_T[1]	n	
5177	short	_ILN_CF_AVG_T[2]	n	
5178	short	_ILN_CF_AVG_T[3]	n	
5179	short	_IN_AVG_T	n	
5180	short	_IM_AVG_T	n	
5181	short	_IG_AVG_T	n	
5182	short	_I_SYM_AVG_T	n	
5183	short	_ILN_OVER_AVG_T[0]	n	
5184	short	_ILN_OVER_AVG_T[1]	n	

Adress	Format	Designation	Unit	Note
5185	short	_ILN_OVER_AVG_T[2]	n	
5186	short	_ILN_OVER_AVG_T[3]	n	
5187	short	_ILN_UNDER_AVG_T[0]	n	
5188	short	_ILN_UNDER_AVG_T[1]	n	
5189	short	_ILN_UNDER_AVG_T[2]	n	
5190	short	_ILN_UNDER_AVG_T[3]	n	
5191	short	_ILN_NEG_PEAK_AVG_T[0]	n	
5192	short	_ILN_NEG_PEAK_AVG_T[1]	n	
5193	short	_ILN_NEG_PEAK_AVG_T[2]	n	
5194	short	_ILN_NEG_PEAK_AVG_T[3]	n	
5195	short	_ILN_POS_PEAK_AVG_T[0]	n	
5196	short	_ILN_POS_PEAK_AVG_T[1]	n	
5197	short	_ILN_POS_PEAK_AVG_T[2]	n	
5198	short	_ILN_POS_PEAK_AVG_T[3]	n	
5199	short	_ILN_PEAK_PEAK_AVG_T[0]	n	
5200	short	_ILN_PEAK_PEAK_AVG_T[1]	n	
5201	short	_ILN_PEAK_PEAK_AVG_T[2]	n	
5202	short	_ILN_PEAK_PEAK_AVG_T[3]	n	
5203	short	_FLI_PF5_AVG_T[0]	n	
5204	short	_FLI_PF5_AVG_T[1]	n	
5205	short	_FLI_PF5_AVG_T[2]	n	
5206	short	_FLI_PF5_AVG_T[3]	n	
5207	short	_FLI_ST_AVG_T[0]	n	
5208	short	_FLI_ST_AVG_T[1]	n	
5209	short	_FLI_ST_AVG_T[2]	n	
5210	short	_FLI_ST_AVG_T[3]	n	
5211	short	_FLI_LT_AVG_T[0]	n	
5212	short	_FLI_LT_AVG_T[1]	n	
5213	short	_FLI_LT_AVG_T[2]	n	
5214	short	_FLI_LT_AVG_T[3]	n	
5215	short	_ILN_RC_AVG_T[0]	n	
5216	short	_ILN_RC_AVG_T[1]	n	
5217	short	_ILN_RC_AVG_T[2]	n	
5218	short	_ILN_RC_AVG_T[3]	n	
5219	short	_ULL_RC_AVG_T[0]	V	
5220	short	_ULL_RC_AVG_T[1]	V	
5221	short	_ULL_RC_AVG_T[2]	V	
5227	short	_PFLN_AVG_T[0]	n	
5228	short	_PFLN_AVG_T[1]	n	
5229	short	_PFLN_AVG_T[2]	n	
5230	short	_PFLN_AVG_T[3]	n	
5231	short	_DLN_AVG_T[0]	n	
5232	short	_DLN_AVG_T[1]	n	
5233	short	_DLN_AVG_T[2]	n	
5234	short	_DLN_AVG_T[3]	n	
5235	short	_KFACT_AVG_T[0]	n	
5236	short	_KFACT_AVG_T[1]	n	
5237	short	_KFACT_AVG_T[2]	n	
5238	short	_KFACT_AVG_T[3]	n	
5239	short	_S0_POWER_AVG_T[0]	n	
5240	short	_S0_POWER_AVG_T[1]	n	
5241	short	_EXT_TEMPERATUR_AVG_T	n	

Minimum values time stamp

Adress	Format	Designation	Unit	Note
5242	uint	_ULN_MIN_T[0]	s	Time of min. val. (UTC), U L1-N
5244	uint	_ULN_MIN_T[1]	s	Time of min. val. (UTC), U L2-N
5246	uint	_ULN_MIN_T[2]	s	Time of min. val. (UTC), U L3-N
5248	uint	_ULN_MIN_T[3]	s	Time of min. val. (UTC), U L4-N
5250	uint	_ULL_MIN_T[0]	s	Time of min. val. (UTC), U L1-L2
5252	uint	_ULL_MIN_T[1]	s	Time of min. val. (UTC), U L2-L3
5254	uint	_ULL_MIN_T[2]	s	Time of min. val. (UTC), U L3-L4
5256	uint	_ULN_CF_MIN_T[0]	s	
5258	uint	_ULN_CF_MIN_T[1]	s	
5260	uint	_ULN_CF_MIN_T[2]	s	
5262	uint	_ULN_CF_MIN_T[3]	s	
5264	uint	_ULL_CF_MIN_T[0]	s	
5266	uint	_ULL_CF_MIN_T[1]	s	
5268	uint	_ULL_CF_MIN_T[2]	s	
5270	uint	_UN_MIN_T	s	
5272	uint	_UM_MIN_T	s	
5274	uint	_UG_MIN_T	s	
5276	uint	_URC_MIN_T[0]	s	
5278	uint	_URC_MIN_T[1]	s	
5280	uint	_URC_MIN_T[2]	s	
5282	uint	_URC_MIN_T[3]	s	
5284	uint	_THD_ULN_MIN_T[0]	s	
5286	uint	_THD_ULN_MIN_T[1]	s	
5288	uint	_THD_ULN_MIN_T[2]	s	
5290	uint	_THD_ULN_MIN_T[3]	s	
5292	uint	_THD_ZLN_MIN_T[0]	s	
5294	uint	_THD_ZLN_MIN_T[1]	s	
5296	uint	_THD_ZLN_MIN_T[2]	s	
5298	uint	_THD_ZLN_MIN_T[3]	s	
5300	uint	_ULN_OVER_MIN_T[0]	s	
5302	uint	_ULN_OVER_MIN_T[1]	s	
5304	uint	_ULN_OVER_MIN_T[2]	s	
5306	uint	_ULN_OVER_MIN_T[3]	s	
5308	uint	_ULN_UNDER_MIN_T[0]	s	
5310	uint	_ULN_UNDER_MIN_T[1]	s	
5312	uint	_ULN_UNDER_MIN_T[2]	s	
5314	uint	_ULN_UNDER_MIN_T[3]	s	
5316	uint	_ULN_NEG_PEAK_MIN_T[0]	s	
5318	uint	_ULN_NEG_PEAK_MIN_T[1]	s	
5320	uint	_ULN_NEG_PEAK_MIN_T[2]	s	
5322	uint	_ULN_NEG_PEAK_MIN_T[3]	s	
5324	uint	_ULN_POS_PEAK_MIN_T[0]	s	
5326	uint	_ULN_POS_PEAK_MIN_T[1]	s	
5328	uint	_ULN_POS_PEAK_MIN_T[2]	s	
5330	uint	_ULN_POS_PEAK_MIN_T[3]	s	
5332	uint	_ULN_PEAK_PEAK_MIN_T[0]	s	
5334	uint	_ULN_PEAK_PEAK_MIN_T[1]	s	
5336	uint	_ULN_PEAK_PEAK_MIN_T[2]	s	
5338	uint	_ULN_PEAK_PEAK_MIN_T[3]	s	
5340	uint	_THD_ULL_MIN_T[0]	s	
5342	uint	_THD_ULL_MIN_T[1]	s	
5344	uint	_THD_ULL_MIN_T[2]	s	
5346	uint	_THD_ZLL_MIN_T[0]	s	
5348	uint	_THD_ZLL_MIN_T[1]	s	
5350	uint	_THD_ZLL_MIN_T[2]	s	
5352	uint	_ULL_OVER_MIN_T[0]	s	
5354	uint	_ULL_OVER_MIN_T[1]	s	
5356	uint	_ULL_OVER_MIN_T[2]	s	

Adress	Format	Designation	Unit	Note
5358	uint	_ULL_UNDER_MIN_T[0]	s	
5360	uint	_ULL_UNDER_MIN_T[1]	s	
5362	uint	_ULL_UNDER_MIN_T[2]	s	
5364	uint	_ULL_NEG_PEAK_MIN_T[0]	s	
5366	uint	_ULL_NEG_PEAK_MIN_T[1]	s	
5368	uint	_ULL_NEG_PEAK_MIN_T[2]	s	
5370	uint	_ULL_POS_PEAK_MIN_T[0]	s	
5372	uint	_ULL_POS_PEAK_MIN_T[1]	s	
5374	uint	_ULL_POS_PEAK_MIN_T[2]	s	
5376	uint	_ULL_PEAK_PEAK_MIN_T[0]	s	
5378	uint	_ULL_PEAK_PEAK_MIN_T[1]	s	
5380	uint	_ULL_PEAK_PEAK_MIN_T[2]	s	
5382	uint	_U_STERN_MIN_T	s	
5384	uint	_U_SYM_MIN_T	s	
5386	uint	_FREQ_MIN_T	s	
5388	uint	_NORM_FREQ_MIN_T	s	
5390	uint	_PLN_MIN_T[0]	s	
5392	uint	_PLN_MIN_T[1]	s	
5394	uint	_PLN_MIN_T[2]	s	
5396	uint	_PLN_MIN_T[3]	s	
5398	uint	_P_SUM_MIN_T	s	
5400	uint	_Q_SUM_MIN_T	s	
5402	uint	_QLN_MIN_T[0]	s	
5404	uint	_QLN_MIN_T[1]	s	
5406	uint	_QLN_MIN_T[2]	s	
5408	uint	_QLN_MIN_T[3]	s	
5410	uint	_P_SUM3_MIN_T	s	
5412	uint	_Q_SUM3_MIN_T	s	
5414	uint	_EXT_TEMPERATUR_MIN_T	s	

Maximum values time stamp

Adress	Format	Designation	Unit	Note
5416	uint	_ULN_MAX_T[0]	s	Time of max. value (UTC), U L1-N
5418	uint	_ULN_MAX_T[1]	s	Time of max. value (UTC), U L2-N
5420	uint	_ULN_MAX_T[2]	s	Time of max. value (UTC), U L3-N
5422	uint	_ULN_MAX_T[3]	s	Time of max. value (UTC), U L4-N
5424	uint	_ULL_MAX_T[0]	s	Time of max. value (UTC), U L1-L2
5426	uint	_ULL_MAX_T[1]	s	Time of max. value (UTC), U L2-L3
5428	uint	_ULL_MAX_T[2]	s	Time of max. value (UTC), U L3-L4
5430	uint	_ULN_CF_MAX_T[0]	s	
5432	uint	_ULN_CF_MAX_T[1]	s	
5434	uint	_ULN_CF_MAX_T[2]	s	
5436	uint	_ULN_CF_MAX_T[3]	s	
5438	uint	_ULL_CF_MAX_T[0]	s	
5440	uint	_ULL_CF_MAX_T[1]	s	
5442	uint	_ULL_CF_MAX_T[2]	s	
5444	uint	_UN_MAX_T	s	
5446	uint	_UM_MAX_T	s	
5448	uint	_UG_MAX_T	s	
5450	uint	_URC_MAX_T[0]	s	
5452	uint	_URC_MAX_T[1]	s	
5454	uint	_URC_MAX_T[2]	s	
5456	uint	_URC_MAX_T[3]	s	
5458	uint	_THD_ULN_MAX_T[0]	s	
5460	uint	_THD_ULN_MAX_T[1]	s	
5462	uint	_THD_ULN_MAX_T[2]	s	
5464	uint	_THD_ULN_MAX_T[3]	s	
5466	uint	_THD_ZLN_MAX_T[0]	s	
5468	uint	_THD_ZLN_MAX_T[1]	s	
5470	uint	_THD_ZLN_MAX_T[2]	s	
5472	uint	_THD_ZLN_MAX_T[3]	s	
5474	uint	_ULN_OVER_MAX_T[0]	s	
5476	uint	_ULN_OVER_MAX_T[1]	s	
5478	uint	_ULN_OVER_MAX_T[2]	s	
5480	uint	_ULN_OVER_MAX_T[3]	s	
5482	uint	_ULN_UNDER_MAX_T[0]	s	
5484	uint	_ULN_UNDER_MAX_T[1]	s	
5486	uint	_ULN_UNDER_MAX_T[2]	s	
5488	uint	_ULN_UNDER_MAX_T[3]	s	
5490	uint	_ULN_NEG_PEAK_MAX_T[0]	s	
5492	uint	_ULN_NEG_PEAK_MAX_T[1]	s	
5494	uint	_ULN_NEG_PEAK_MAX_T[2]	s	
5496	uint	_ULN_NEG_PEAK_MAX_T[3]	s	
5498	uint	_ULN_POS_PEAK_MAX_T[0]	s	
5500	uint	_ULN_POS_PEAK_MAX_T[1]	s	
5502	uint	_ULN_POS_PEAK_MAX_T[2]	s	
5504	uint	_ULN_POS_PEAK_MAX_T[3]	s	
5506	uint	_ULN_PEAK_PEAK_MAX_T[0]	s	
5508	uint	_ULN_PEAK_PEAK_MAX_T[1]	s	
5510	uint	_ULN_PEAK_PEAK_MAX_T[2]	s	
5512	uint	_ULN_PEAK_PEAK_MAX_T[3]	s	
5514	uint	_THD_ULL_MAX_T[0]	s	
5516	uint	_THD_ULL_MAX_T[1]	s	
5518	uint	_THD_ULL_MAX_T[2]	s	
5520	uint	_THD_ZLL_MAX_T[0]	s	
5522	uint	_THD_ZLL_MAX_T[1]	s	
5524	uint	_THD_ZLL_MAX_T[2]	s	
5526	uint	_ULL_OVER_MAX_T[0]	s	
5528	uint	_ULL_OVER_MAX_T[1]	s	
5530	uint	_ULL_OVER_MAX_T[2]	s	

Adress	Format	Designation	Unit	Note
5532	uint	_ULL_UNDER_MAX_T[0]	s	
5534	uint	_ULL_UNDER_MAX_T[1]	s	
5536	uint	_ULL_UNDER_MAX_T[2]	s	
5538	uint	_ULL_NEG_PEAK_MAX_T[0]	s	
5540	uint	_ULL_NEG_PEAK_MAX_T[1]	s	
5542	uint	_ULL_NEG_PEAK_MAX_T[2]	s	
5544	uint	_ULL_POS_PEAK_MAX_T[0]	s	
5546	uint	_ULL_POS_PEAK_MAX_T[1]	s	
5548	uint	_ULL_POS_PEAK_MAX_T[2]	s	
5550	uint	_ULL_PEAK_PEAK_MAX_T[0]	s	
5552	uint	_ULL_PEAK_PEAK_MAX_T[1]	s	
5554	uint	_ULL_PEAK_PEAK_MAX_T[2]	s	
5556	uint	_U_STERN_MAX_T	s	
5558	uint	_U_SYM_MAX_T	s	
5560	uint	_FREQ_MAX_T	s	
5562	uint	_NORM_FREQ_MAX_T	s	
5564	uint	_PLN_MAX_T[0]	s	
5566	uint	_PLN_MAX_T[1]	s	
5568	uint	_PLN_MAX_T[2]	s	
5570	uint	_PLN_MAX_T[3]	s	
5572	uint	_P_SUM_MAX_T	s	
5574	uint	_Q_SUM_MAX_T	s	
5576	uint	_QLN_MAX_T[0]	s	
5578	uint	_QLN_MAX_T[1]	s	
5580	uint	_QLN_MAX_T[2]	s	
5582	uint	_QLN_MAX_T[3]	s	
5584	uint	_P_SUM3_MAX_T	s	
5586	uint	_Q_SUM3_MAX_T	s	
5588	uint	_ILN_MAX_T[0]	s	
5590	uint	_ILN_MAX_T[1]	s	
5592	uint	_ILN_MAX_T[2]	s	
5594	uint	_ILN_MAX_T[3]	s	
5596	uint	_SLN_MAX_T[0]	s	
5598	uint	_SLN_MAX_T[1]	s	
5600	uint	_SLN_MAX_T[2]	s	
5602	uint	_SLN_MAX_T[3]	s	
5604	uint	_I_SUM3_MAX_T	s	
5606	uint	_I_SUM_MAX_T	s	
5608	uint	_S_SUM3_MAX_T	s	
5610	uint	_S_SUM_MAX_T	s	
5612	uint	_THD_IL_MAX_T[0]	s	
5614	uint	_THD_IL_MAX_T[1]	s	
5616	uint	_THD_IL_MAX_T[2]	s	
5618	uint	_THD_IL_MAX_T[3]	s	
5620	uint	_ZHD_IL_MAX_T[0]	s	
5622	uint	_ZHD_IL_MAX_T[1]	s	
5624	uint	_ZHD_IL_MAX_T[2]	s	
5626	uint	_ZHD_IL_MAX_T[3]	s	
5628	uint	_ILN_CF_MAX_T[0]	s	
5630	uint	_ILN_CF_MAX_T[1]	s	
5632	uint	_ILN_CF_MAX_T[2]	s	
5634	uint	_ILN_CF_MAX_T[3]	s	
5636	uint	_IN_MAX_T	s	
5638	uint	_IM_MAX_T	s	
5640	uint	_IG_MAX_T	s	
5642	uint	_I_SYM_MAX_T	s	
5644	uint	_ILN_OVER_MAX_T[0]	s	
5646	uint	_ILN_OVER_MAX_T[1]	s	

Adress	Format	Designation	Unit	Note
5648	uint	_ILN_OVER_MAX_T[2]	s	
5650	uint	_ILN_OVER_MAX_T[3]	s	
5652	uint	_ILN_UNDER_MAX_T[0]	s	
5654	uint	_ILN_UNDER_MAX_T[1]	s	
5656	uint	_ILN_UNDER_MAX_T[2]	s	
5658	uint	_ILN_UNDER_MAX_T[3]	s	
5660	uint	_ILN_NEG_PEAK_MAX_T[0]	s	
5662	uint	_ILN_NEG_PEAK_MAX_T[1]	s	
5664	uint	_ILN_NEG_PEAK_MAX_T[2]	s	
5666	uint	_ILN_NEG_PEAK_MAX_T[3]	s	
5668	uint	_ILN_POS_PEAK_MAX_T[0]	s	
5670	uint	_ILN_POS_PEAK_MAX_T[1]	s	
5672	uint	_ILN_POS_PEAK_MAX_T[2]	s	
5674	uint	_ILN_POS_PEAK_MAX_T[3]	s	
5676	uint	_ILN_PEAK_PEAK_MAX_T[0]	s	
5678	uint	_ILN_PEAK_PEAK_MAX_T[1]	s	
5680	uint	_ILN_PEAK_PEAK_MAX_T[2]	s	
5682	uint	_ILN_PEAK_PEAK_MAX_T[3]	s	
5684	uint	_FLI_PF5_MAX_T[0]	s	
5686	uint	_FLI_PF5_MAX_T[1]	s	
5688	uint	_FLI_PF5_MAX_T[2]	s	
5690	uint	_FLI_PF5_MAX_T[3]	s	
5692	uint	_FLI_ST_MAX_T[0]	s	
5694	uint	_FLI_ST_MAX_T[1]	s	
5696	uint	_FLI_ST_MAX_T[2]	s	
5698	uint	_FLI_ST_MAX_T[3]	s	
5700	uint	_FLI_LT_MAX_T[0]	s	
5702	uint	_FLI_LT_MAX_T[1]	s	
5704	uint	_FLI_LT_MAX_T[2]	s	
5706	uint	_FLI_LT_MAX_T[3]	s	
5708	uint	_ILN_RC_MAX_T[0]	s	
5710	uint	_ILN_RC_MAX_T[1]	s	
5712	uint	_ILN_RC_MAX_T[2]	s	
5714	uint	_ILN_RC_MAX_T[3]	s	
5716	uint	_ULL_RC_MAX_T[0]	V	
5718	uint	_ULL_RC_MAX_T[1]	V	
5720	uint	_ULL_RC_MAX_T[2]	V	
5732	uint	_PFLN_MAX_T[0]	s	
5734	uint	_PFLN_MAX_T[1]	s	
5736	uint	_PFLN_MAX_T[2]	s	
5738	uint	_PFLN_MAX_T[3]	s	
5740	uint	_DLN_MAX_T[0]	s	
5742	uint	_DLN_MAX_T[1]	s	
5744	uint	_DLN_MAX_T[2]	s	
5746	uint	_DLN_MAX_T[3]	s	
5748	uint	_KFACT_MAX_T[0]	s	
5750	uint	_KFACT_MAX_T[1]	s	
5752	uint	_KFACT_MAX_T[2]	s	
5754	uint	_KFACT_MAX_T[3]	s	
5756	uint	_S0_POWER_MAX_T[0]	s	
5758	uint	_S0_POWER_MAX_T[1]	s	
5760	uint	_EXT_TEMPERATUR_MAX_T	s	

Maximum values of mean values (float type)

Adress	Format	Designation	Unit	Note
5762	float	_ULN_AVG_MAX[0]	V	Max. values of average val., U L1-N
5764	float	_ULN_AVG_MAX[1]	V	Max. values of average val., U L2-N
5766	float	_ULN_AVG_MAX[2]	V	Max. values of average val., U L3-N
5768	float	_ULN_AVG_MAX[3]	V	Max. values of average val., U L4-N
5770	float	_ULL_AVG_MAX[0]	V	Max. values of average val., U L1-L2
5772	float	_ULL_AVG_MAX[1]	V	Max. values of average val., U L2-L3
5774	float	_ULL_AVG_MAX[2]	V	Max. values of average val., U L3-L4
5776	float	_ULN_CF_AVG_MAX[0]	%	
5778	float	_ULN_CF_AVG_MAX[1]	%	
5780	float	_ULN_CF_AVG_MAX[2]	%	
5782	float	_ULN_CF_AVG_MAX[3]	%	
5784	float	_ULL_CF_AVG_MAX[0]	%	
5786	float	_ULL_CF_AVG_MAX[1]	%	
5788	float	_ULL_CF_AVG_MAX[2]	%	
5790	float	_UN_AVG_MAX	V	
5792	float	_UM_AVG_MAX	V	
5794	float	_UG_AVG_MAX	V	
5796	float	_URC_AVG_MAX[0]	V	
5798	float	_URC_AVG_MAX[1]	V	
5800	float	_URC_AVG_MAX[2]	V	
5802	float	_URC_AVG_MAX[3]	V	
5804	float	_THD_ULN_AVG_MAX[0]	%	
5806	float	_THD_ULN_AVG_MAX[1]	%	
5808	float	_THD_ULN_AVG_MAX[2]	%	
5810	float	_THD_ULN_AVG_MAX[3]	%	
5812	float	_THD_ZLN_AVG_MAX[0]	%	
5814	float	_THD_ZLN_AVG_MAX[1]	%	
5816	float	_THD_ZLN_AVG_MAX[2]	%	
5818	float	_THD_ZLN_AVG_MAX[3]	%	
5820	float	_ULN_OVER_AVG_MAX[0]	%	
5822	float	_ULN_OVER_AVG_MAX[1]	%	
5824	float	_ULN_OVER_AVG_MAX[2]	%	
5826	float	_ULN_OVER_AVG_MAX[3]	%	
5828	float	_ULN_UNDER_AVG_MAX[0]	%	
5830	float	_ULN_UNDER_AVG_MAX[1]	%	
5832	float	_ULN_UNDER_AVG_MAX[2]	%	
5834	float	_ULN_UNDER_AVG_MAX[3]	%	
5836	float	_ULN_NEG_PEAK_AVG_MAX[0]	V	
5838	float	_ULN_NEG_PEAK_AVG_MAX[1]	V	
5840	float	_ULN_NEG_PEAK_AVG_MAX[2]	V	
5842	float	_ULN_NEG_PEAK_AVG_MAX[3]	V	
5844	float	_ULN_POS_PEAK_AVG_MAX[0]	V	
5846	float	_ULN_POS_PEAK_AVG_MAX[1]	V	
5848	float	_ULN_POS_PEAK_AVG_MAX[2]	V	
5850	float	_ULN_POS_PEAK_AVG_MAX[3]	V	
5852	float	_ULN_PEAK_PEAK_AVG_MAX[0]	V	
5854	float	_ULN_PEAK_PEAK_AVG_MAX[1]	V	
5856	float	_ULN_PEAK_PEAK_AVG_MAX[2]	V	
5858	float	_ULN_PEAK_PEAK_AVG_MAX[3]	V	
5860	float	_THD_ULL_AVG_MAX[0]	%	
5862	float	_THD_ULL_AVG_MAX[1]	%	
5864	float	_THD_ULL_AVG_MAX[2]	%	
5866	float	_THD_ZLL_AVG_MAX[0]	%	
5868	float	_THD_ZLL_AVG_MAX[1]	%	
5870	float	_THD_ZLL_AVG_MAX[2]	%	
5872	float	_ULL_OVER_AVG_MAX[0]	%	
5874	float	_ULL_OVER_AVG_MAX[1]	%	
5876	float	_ULL_OVER_AVG_MAX[2]	%	

Adress	Format	Designation	Unit	Note
5878	float	_ULL_UNDER_AVG_MAX[0]	%	
5880	float	_ULL_UNDER_AVG_MAX[1]	%	
5882	float	_ULL_UNDER_AVG_MAX[2]	%	
5884	float	_ULL_NEG_PEAK_AVG_MAX[0]	V	
5886	float	_ULL_NEG_PEAK_AVG_MAX[1]	V	
5888	float	_ULL_NEG_PEAK_AVG_MAX[2]	V	
5890	float	_ULL_POS_PEAK_AVG_MAX[0]	V	
5892	float	_ULL_POS_PEAK_AVG_MAX[1]	V	
5894	float	_ULL_POS_PEAK_AVG_MAX[2]	V	
5896	float	_ULL_PEAK_PEAK_AVG_MAX[0]	V	
5898	float	_ULL_PEAK_PEAK_AVG_MAX[1]	V	
5900	float	_ULL_PEAK_PEAK_AVG_MAX[2]	V	
5902	float	_U_STERN_AVG_MAX	V	
5904	float	_U_SYM_AVG_MAX	%	
5906	float	_FREQ_AVG_MAX	Hz	
5908	float	_NORM_FREQ_AVG_MAX	Hz	
5910	float	_PLN_AVG_MAX[0]	W	
5912	float	_PLN_AVG_MAX[1]	W	
5914	float	_PLN_AVG_MAX[2]	W	
5916	float	_PLN_AVG_MAX[3]	W	
5918	float	_P_SUM_AVG_MAX	W	
5920	float	_Q_SUM_AVG_MAX	var	
5922	float	_QLN_AVG_MAX[0]	var	
5924	float	_QLN_AVG_MAX[1]	var	
5926	float	_QLN_AVG_MAX[2]	var	
5928	float	_QLN_AVG_MAX[3]	var	
5930	float	_P_SUM3_AVG_MAX	W	
5932	float	_Q_SUM3_AVG_MAX	var	
5934	float	_ILN_AVG_MAX[0]	A	
5936	float	_ILN_AVG_MAX[1]	A	
5938	float	_ILN_AVG_MAX[2]	A	
5940	float	_ILN_AVG_MAX[3]	A	
5942	float	_SLN_AVG_MAX[0]	VA	
5944	float	_SLN_AVG_MAX[1]	VA	
5946	float	_SLN_AVG_MAX[2]	VA	
5948	float	_SLN_AVG_MAX[3]	VA	
5950	float	_I_SUM3_AVG_MAX	A	
5952	float	_I_SUM_AVG_MAX	A	
5954	float	_S_SUM3_AVG_MAX	VA	
5956	float	_S_SUM_AVG_MAX	VA	
5958	float	_THD_IL_AVG_MAX[0]	%	
5960	float	_THD_IL_AVG_MAX[1]	%	
5962	float	_THD_IL_AVG_MAX[2]	%	
5964	float	_THD_IL_AVG_MAX[3]	%	
5966	float	_ZHD_IL_AVG_MAX[0]	%	
5968	float	_ZHD_IL_AVG_MAX[1]	%	
5970	float	_ZHD_IL_AVG_MAX[2]	%	
5972	float	_ZHD_IL_AVG_MAX[3]	%	
5974	float	_ILN_CF_AVG_MAX[0]	%	
5976	float	_ILN_CF_AVG_MAX[1]	%	
5978	float	_ILN_CF_AVG_MAX[2]	%	
5980	float	_ILN_CF_AVG_MAX[3]	%	
5982	float	_IN_AVG_MAX	A	
5984	float	_IM_AVG_MAX	A	
5986	float	_IG_AVG_MAX	A	
5988	float	_I_SYM_AVG_MAX	%	
5990	float	_ILN_OVER_AVG_MAX[0]	%	
5992	float	_ILN_OVER_AVG_MAX[1]	%	

Adress	Format	Designation	Unit	Note
5994	float	_ILN_OVER_AVG_MAX[2]	%	
5996	float	_ILN_OVER_AVG_MAX[3]	%	
5998	float	_ILN_UNDER_AVG_MAX[0]	%	
6000	float	_ILN_UNDER_AVG_MAX[1]	%	
6002	float	_ILN_UNDER_AVG_MAX[2]	%	
6004	float	_ILN_UNDER_AVG_MAX[3]	%	
6006	float	_ILN_NEG_PEAK_AVG_MAX[0]	A	
6008	float	_ILN_NEG_PEAK_AVG_MAX[1]	A	
6010	float	_ILN_NEG_PEAK_AVG_MAX[2]	A	
6012	float	_ILN_NEG_PEAK_AVG_MAX[3]	A	
6014	float	_ILN_POS_PEAK_AVG_MAX[0]	A	
6016	float	_ILN_POS_PEAK_AVG_MAX[1]	A	
6018	float	_ILN_POS_PEAK_AVG_MAX[2]	A	
6020	float	_ILN_POS_PEAK_AVG_MAX[3]	A	
6022	float	_ILN_PEAK_PEAK_AVG_MAX[0]	A	
6024	float	_ILN_PEAK_PEAK_AVG_MAX[1]	A	
6026	float	_ILN_PEAK_PEAK_AVG_MAX[2]	A	
6028	float	_ILN_PEAK_PEAK_AVG_MAX[3]	A	
6030	float	_FLI_PF5_AVG_MAX[0]		
6032	float	_FLI_PF5_AVG_MAX[1]		
6034	float	_FLI_PF5_AVG_MAX[2]		
6036	float	_FLI_PF5_AVG_MAX[3]		
6038	float	_FLI_ST_AVG_MAX[0]		
6040	float	_FLI_ST_AVG_MAX[1]		
6042	float	_FLI_ST_AVG_MAX[2]		
6044	float	_FLI_ST_AVG_MAX[3]		
6046	float	_FLI_LT_AVG_MAX[0]		
6048	float	_FLI_LT_AVG_MAX[1]		
6050	float	_FLI_LT_AVG_MAX[2]		
6052	float	_FLI_LT_AVG_MAX[3]		
6054	float	_ILN_RC_AVG_MAX[0]	A	
6056	float	_ILN_RC_AVG_MAX[1]	A	
6058	float	_ILN_RC_AVG_MAX[2]	A	
6060	float	_ILN_RC_AVG_MAX[3]	A	
6062	float	_ULL_RC_AVG_MAX[0]	V	
6064	float	_ULL_RC_AVG_MAX[1]	V	
6066	float	_ULL_RC_AVG_MAX[2]	V	
6078	float	_PFLN_AVG_MAX[0]	%	
6080	float	_PFLN_AVG_MAX[1]	%	
6082	float	_PFLN_AVG_MAX[2]	%	
6084	float	_PFLN_AVG_MAX[3]	%	
6086	float	_DLN_AVG_MAX[0]	var	
6088	float	_DLN_AVG_MAX[1]	var	
6090	float	_DLN_AVG_MAX[2]	var	
6092	float	_DLN_AVG_MAX[3]	var	
6094	float	_KFACT_AVG_MAX[0]		
6096	float	_KFACT_AVG_MAX[1]		
6098	float	_KFACT_AVG_MAX[2]		
6100	float	_KFACT_AVG_MAX[3]		
6102	float	_S0_POWER_AVG_MAX[0]	W	
6104	float	_S0_POWER_AVG_MAX[1]	W	
6106	float	_EXT_TEMPERATUR_AVG_MAX	°C	
6108	uint	_THD_ULN_AVG_MAX_T[0]	s	
6110	uint	_THD_ULN_AVG_MAX_T[1]	s	
6112	uint	_THD_ULN_AVG_MAX_T[2]	s	
6114	uint	_THD_ULN_AVG_MAX_T[3]	s	
6116	uint	_ULN_AVG_MAX_T[0]	s	
6118	uint	_ULN_AVG_MAX_T[1]	s	

Adress	Format	Designation	Unit	Note
6120	uint	_ULN_AVG_MAX_T[2]	s	
6122	uint	_ULN_AVG_MAX_T[3]	s	
6124	uint	_ULL_AVG_MAX_T[0]	s	
6126	uint	_ULL_AVG_MAX_T[1]	s	
6128	uint	_ULL_AVG_MAX_T[2]	s	
6130	uint	_ULN_CF_AVG_MAX_T[0]	s	
6132	uint	_ULN_CF_AVG_MAX_T[1]	s	
6134	uint	_ULN_CF_AVG_MAX_T[2]	s	
6136	uint	_ULN_CF_AVG_MAX_T[3]	s	
6138	uint	_ULL_CF_AVG_MAX_T[0]	s	
6140	uint	_ULL_CF_AVG_MAX_T[1]	s	
6142	uint	_ULL_CF_AVG_MAX_T[2]	s	
6144	uint	_UN_AVG_MAX_T	s	
6146	uint	_UM_AVG_MAX_T	s	
6148	uint	_UG_AVG_MAX_T	s	
6150	uint	_URC_AVG_MAX_T[0]	s	
6152	uint	_URC_AVG_MAX_T[1]	s	
6154	uint	_URC_AVG_MAX_T[2]	s	
6156	uint	_URC_AVG_MAX_T[3]	s	
6158	uint	_THD_ULN_AVG_MAX_T[0]	s	
6160	uint	_THD_ULN_AVG_MAX_T[1]	s	
6162	uint	_THD_ULN_AVG_MAX_T[2]	s	
6164	uint	_THD_ULN_AVG_MAX_T[3]	s	
6166	uint	_THD_ZLN_AVG_MAX_T[0]	s	
6168	uint	_THD_ZLN_AVG_MAX_T[1]	s	
6170	uint	_THD_ZLN_AVG_MAX_T[2]	s	
6172	uint	_THD_ZLN_AVG_MAX_T[3]	s	
6174	uint	_ULN_OVER_AVG_MAX_T[0]	s	
6176	uint	_ULN_OVER_AVG_MAX_T[1]	s	
6178	uint	_ULN_OVER_AVG_MAX_T[2]	s	
6180	uint	_ULN_OVER_AVG_MAX_T[3]	s	
6182	uint	_ULN_UNDER_AVG_MAX_T[0]	s	
6184	uint	_ULN_UNDER_AVG_MAX_T[1]	s	
6186	uint	_ULN_UNDER_AVG_MAX_T[2]	s	
6188	uint	_ULN_UNDER_AVG_MAX_T[3]	s	
6190	uint	_ULN_NEG_PEAK_AVG_MAX_T[0]	s	
6192	uint	_ULN_NEG_PEAK_AVG_MAX_T[1]	s	
6194	uint	_ULN_NEG_PEAK_AVG_MAX_T[2]	s	
6196	uint	_ULN_NEG_PEAK_AVG_MAX_T[3]	s	
6198	uint	_ULN_POS_PEAK_AVG_MAX_T[0]	s	
6200	uint	_ULN_POS_PEAK_AVG_MAX_T[1]	s	
6202	uint	_ULN_POS_PEAK_AVG_MAX_T[2]	s	
6204	uint	_ULN_POS_PEAK_AVG_MAX_T[3]	s	
6206	uint	_ULN_PEAK_PEAK_AVG_MAX_T[0]	s	
6208	uint	_ULN_PEAK_PEAK_AVG_MAX_T[1]	s	
6210	uint	_ULN_PEAK_PEAK_AVG_MAX_T[2]	s	
6212	uint	_ULN_PEAK_PEAK_AVG_MAX_T[3]	s	
6214	uint	_THD_ULL_AVG_MAX_T[0]	s	
6216	uint	_THD_ULL_AVG_MAX_T[1]	s	
6218	uint	_THD_ULL_AVG_MAX_T[2]	s	
6220	uint	_THD_ZLL_AVG_MAX_T[0]	s	
6222	uint	_THD_ZLL_AVG_MAX_T[1]	s	
6224	uint	_THD_ZLL_AVG_MAX_T[2]	s	
6226	uint	_ULL_OVER_AVG_MAX_T[0]	s	
6228	uint	_ULL_OVER_AVG_MAX_T[1]	s	
6230	uint	_ULL_OVER_AVG_MAX_T[2]	s	
6232	uint	_ULL_UNDER_AVG_MAX_T[0]	s	
6234	uint	_ULL_UNDER_AVG_MAX_T[1]	s	

Adress	Format	Designation	Unit	Note
6236	uint	_ULL_UNDER_AVG_MAX_T[2]	s	
6238	uint	_ULL_NEG_PEAK_AVG_MAX_T[0]	s	
6240	uint	_ULL_NEG_PEAK_AVG_MAX_T[1]	s	
6242	uint	_ULL_NEG_PEAK_AVG_MAX_T[2]	s	
6244	uint	_ULL_POS_PEAK_AVG_MAX_T[0]	s	
6246	uint	_ULL_POS_PEAK_AVG_MAX_T[1]	s	
6248	uint	_ULL_POS_PEAK_AVG_MAX_T[2]	s	
6250	uint	_ULL_PEAK_PEAK_AVG_MAX_T[0]	s	
6252	uint	_ULL_PEAK_PEAK_AVG_MAX_T[1]	s	
6254	uint	_ULL_PEAK_PEAK_AVG_MAX_T[2]	s	
6256	uint	_U_STERN_AVG_MAX_T	s	
6258	uint	_U_SYM_AVG_MAX_T	s	
6260	uint	_FREQ_AVG_MAX_T	s	
6262	uint	_NORM_FREQ_AVG_MAX_T	s	
6264	uint	_PLN_AVG_MAX_T[0]	s	
6266	uint	_PLN_AVG_MAX_T[1]	s	
6268	uint	_PLN_AVG_MAX_T[2]	s	
6270	uint	_PLN_AVG_MAX_T[3]	s	
6272	uint	_P_SUM_AVG_MAX_T	s	
6274	uint	_Q_SUM_AVG_MAX_T	s	
6276	uint	_QLN_AVG_MAX_T[0]	s	
6278	uint	_QLN_AVG_MAX_T[1]	s	
6280	uint	_QLN_AVG_MAX_T[2]	s	
6282	uint	_QLN_AVG_MAX_T[3]	s	
6284	uint	_P_SUM3_AVG_MAX_T	s	
6286	uint	_Q_SUM3_AVG_MAX_T	s	
6288	uint	_ILN_AVG_MAX_T[0]	s	
6290	uint	_ILN_AVG_MAX_T[1]	s	
6292	uint	_ILN_AVG_MAX_T[2]	s	
6294	uint	_ILN_AVG_MAX_T[3]	s	
6296	uint	_SLN_AVG_MAX_T[0]	s	
6298	uint	_SLN_AVG_MAX_T[1]	s	
6300	uint	_SLN_AVG_MAX_T[2]	s	
6302	uint	_SLN_AVG_MAX_T[3]	s	
6304	uint	_I_SUM3_AVG_MAX_T	s	
6306	uint	_I_SUM_AVG_MAX_T	s	
6308	uint	_S_SUM3_AVG_MAX_T	s	
6310	uint	_S_SUM_AVG_MAX_T	s	
6312	uint	_THD_IL_AVG_MAX_T[0]	s	
6314	uint	_THD_IL_AVG_MAX_T[1]	s	
6316	uint	_THD_IL_AVG_MAX_T[2]	s	
6318	uint	_THD_IL_AVG_MAX_T[3]	s	
6320	uint	_ZHD_IL_AVG_MAX_T[0]	s	
6322	uint	_ZHD_IL_AVG_MAX_T[1]	s	
6324	uint	_ZHD_IL_AVG_MAX_T[2]	s	
6326	uint	_ZHD_IL_AVG_MAX_T[3]	s	
6328	uint	_ILN_CF_AVG_MAX_T[0]	s	
6330	uint	_ILN_CF_AVG_MAX_T[1]	s	
6332	uint	_ILN_CF_AVG_MAX_T[2]	s	
6334	uint	_ILN_CF_AVG_MAX_T[3]	s	
6336	uint	_IN_AVG_MAX_T	s	
6338	uint	_IM_AVG_MAX_T	s	
6340	uint	_IG_AVG_MAX_T	s	
6342	uint	_I_SYM_AVG_MAX_T	s	
6344	uint	_ILN_OVER_AVG_MAX_T[0]	s	
6346	uint	_ILN_OVER_AVG_MAX_T[1]	s	
6348	uint	_ILN_OVER_AVG_MAX_T[2]	s	
6350	uint	_ILN_OVER_AVG_MAX_T[3]	s	

Adress	Format	Designation	Unit	Note
6352	uint	_ILN_UNDER_AVG_MAX_T[0]	s	
6354	uint	_ILN_UNDER_AVG_MAX_T[1]	s	
6356	uint	_ILN_UNDER_AVG_MAX_T[2]	s	
6358	uint	_ILN_UNDER_AVG_MAX_T[3]	s	
6360	uint	_ILN_NEG_PEAK_AVG_MAX_T[0]	s	
6362	uint	_ILN_NEG_PEAK_AVG_MAX_T[1]	s	
6364	uint	_ILN_NEG_PEAK_AVG_MAX_T[2]	s	
6366	uint	_ILN_NEG_PEAK_AVG_MAX_T[3]	s	
6368	uint	_ILN_POS_PEAK_AVG_MAX_T[0]	s	
6370	uint	_ILN_POS_PEAK_AVG_MAX_T[1]	s	
6372	uint	_ILN_POS_PEAK_AVG_MAX_T[2]	s	
6374	uint	_ILN_POS_PEAK_AVG_MAX_T[3]	s	
6376	uint	_ILN_PEAK_PEAK_AVG_MAX_T[0]	s	
6378	uint	_ILN_PEAK_PEAK_AVG_MAX_T[1]	s	
6380	uint	_ILN_PEAK_PEAK_AVG_MAX_T[2]	s	
6382	uint	_ILN_PEAK_PEAK_AVG_MAX_T[3]	s	
6384	uint	_FLI_PF5_AVG_MAX_T[0]	s	
6386	uint	_FLI_PF5_AVG_MAX_T[1]	s	
6388	uint	_FLI_PF5_AVG_MAX_T[2]	s	
6390	uint	_FLI_PF5_AVG_MAX_T[3]	s	
6392	uint	_FLI_ST_AVG_MAX_T[0]	s	
6394	uint	_FLI_ST_AVG_MAX_T[1]	s	
6396	uint	_FLI_ST_AVG_MAX_T[2]	s	
6398	uint	_FLI_ST_AVG_MAX_T[3]	s	
6400	uint	_FLI_LT_AVG_MAX_T[0]	s	
6402	uint	_FLI_LT_AVG_MAX_T[1]	s	
6404	uint	_FLI_LT_AVG_MAX_T[2]	s	
6406	uint	_FLI_LT_AVG_MAX_T[3]	s	
6408	uint	_ILN_RC_AVG_MAX_T[0]	s	
6410	uint	_ILN_RC_AVG_MAX_T[1]	s	
6412	uint	_ILN_RC_AVG_MAX_T[2]	s	
6414	uint	_ILN_RC_AVG_MAX_T[3]	s	
6416	uint	_ULL_RC_AVG_MAX_T[0]	V	
6418	uint	_ULL_RC_AVG_MAX_T[1]	V	
6420	uint	_ULL_RC_AVG_MAX_T[2]	V	
6432	uint	_PFLN_AVG_MAX_T[0]	%	
6434	uint	_PFLN_AVG_MAX_T[1]	%	
6436	uint	_PFLN_AVG_MAX_T[2]	%	
6438	uint	_PFLN_AVG_MAX_T[3]	%	
6440	uint	_DLN_AVG_MAX_T[0]	s	
6442	uint	_DLN_AVG_MAX_T[1]	s	
6444	uint	_DLN_AVG_MAX_T[2]	s	
6446	uint	_DLN_AVG_MAX_T[3]	s	
6448	uint	_KFACT_AVG_MAX_T[0]	s	
6450	uint	_KFACT_AVG_MAX_T[1]	s	
6452	uint	_KFACT_AVG_MAX_T[2]	s	
6454	uint	_KFACT_AVG_MAX_T[3]	s	
6456	uint	_S0_POWER_AVG_MAX_T[0]	s	
6458	uint	_S0_POWER_AVG_MAX_T[1]	s	
6460	uint	_EXT_TEMPERATUR_AVG_MAX_T	s	

Other values

Adress	Format	Designation	Unit	Note
6628	float	_SPU012	V	Star connection voltage
6630	short	_DIGOUT_STAT[0]	n	Status Digital Output 1, 0=not active, 1=active
6631	short	_DIGOUT_STAT[1]	n	Status Digital Output 2, 0=not active, 1=active
6632	short	_DIGIN_STAT[0]	n	Status Digital Input 1, 0=not active, 1=active
6633	short	_DIGIN_STAT[1]	n	Status Digital Input 1, 0=not active, 1=active
6634	uint	_EVT_COUNT	n	Event counter
6636	uint	_FLAG_COUNT	n	Flag counter
6638	uint	_TRANS_COUNT	n	Error counter, transients
6640	uint	_HWW_COUNT	n	Error counter, half-cycle effective values
6642	uint	_RX232_COUNT	n	Error counter, receive RS232
6644	uint	_TX232_COUNT	n	Error counter, send RS232
6646	uint	_ERR232_COUNT	n	Error counter, RS232
6648	uint	_RX485_COUNT	n	Error counter, receive RS485
6650	uint	_TX485_COUNT	n	Error counter, send RS485
6652	uint	_ERR485_COUNT	n	Error counter, RS485
6654	short	_DEL_WH		1= Delete all real energy counters
6655	short	_DEL_QH		1= Delete all reactive energy counters
6656	float	_INIT_MAX		Only for internal use
6657	string	_RUN	64	Only for internal use
6689	float	_CTPRIM[0]	A	L1, L2, L3; Current transformer, primary
6691	float	_CTPRIM[1]	A	L4; Current transformer, primary
6693	float	_CTSEC[0]	A	L1, L2, L3; Current transf., secondary
6695	float	_CTSEC[1]	A	L4; Current transformer, secondary
6697	float	_VTPRIM[0]	V	L1, L2, L3; Voltage transformer, primary
6699	float	_VTPRIM[1]	V	L4; Voltage transformer, primary
6701	float	_VTSEC[0]	V	L1, L2, L3; Spannungswandler, sekundär
6703	float	_VTSEC[1]	V	L4; Spannungswandler, sekundär
6705	float	_IRATED[0]	A	Nominal current transf.; I L1, I L2, I L3
6707	float	_IRATED[1]	A	Nominal current transformer; I L4
6709	float	_NOMINAL_U[0]	V	Nominal voltage; L1, L2, L3
6711	float	_NOMINAL_U[1]	V	Nominal voltage; L4
6713	float	_NOMINAL_I[0]	A	Nominal current; L1, L2, L3
6715	float	_NOMINAL_I[1]	A	Nominal current; L4
6717	float	_TRNS_DELTA[0]	%	Only for internal use
6719	float	_TRNS_DELTA[1]	%	Only for internal use
6721	float	_TRNS_I_ABS[0]	%	Only for internal use
6723	float	_TRNS_I_ABS[1]	%	Only for internal use
6725	float	_TRNS_U_ABS[0]	%	Only for internal use
6727	float	_TRNS_U_ABS[1]	%	Only for internal use
6729	float	_I_EVT_MAX[0]	%	Only for internal use
6731	float	_I_EVT_MAX[1]	%	Only for internal use
6733	float	_U_EVT_MAX[0]	%	Only for internal use
6735	float	_U_EVT_MAX[1]	%	Only for internal use
6737	float	_U_EVT_MIN[0]	%	Only for internal use
6739	float	_U_EVT_MIN[1]	%	Only for internal use
6741	float	_U_EVT_OFF[0]	%	Only for internal use
6743	float	_U_EVT_OFF[1]	%	Only for internal use
6745	float	_NOMINAL_F	Hz	Nominal frequency 50Hz or 60Hz
6747	short	_FLICKER_SYSTEM		Only for internal use
6748	short	_TRNS_PRE	n	Only for internal use
6749	short	_TRNS_POST	n	Only for internal use
6750	string	_DEV_NAME	64	Only for internal use
6782	string	_DEV_DESC	128	Only for internal use
6846	string	_LANGUAGE	16	Only for internal use

Adress	Format	Designation	Unit	Note
6856	uint	_SERNR		Only for internal use
6858	uint	_PRODNR		Only for internal use
6860	int	_MBUSADDR		Only for internal use
6862	int	_MODE485		Only for internal use
6864	int	_BAUD485		Only for internal use
6866	int	_BAUD232		Only for internal use
6868	int	_MODE232		Only for internal use
6870	uint	_IP_ADDR		Network address
6872	uint	_IP_MASK		Network mask
6874	uint	_IP_GATE		Gateway
6876	int	_DHCPMODE		1=DHCP on, 0=DHCP off
6878	int	_CONTRAST		Contrast
6880	int	_THERMOELEMENT		Type temperature sensor
6882	int	_KEY1		Status, button 1
6884	int	_KEY2		Status, button 2
6886	int	_KEY3		Status, button 3
6888	uint	_DEBUG_IP		Only for internal use
6890	int	_TIME_ZONE	s	Time zone
6892	int	_STIME	s	Only for internal use
6894	short	_SDAY		Start day of summer/winter switchover (spring)
6895	short	_SHOUR	h	Start hour of summer/winter switchover
6896	short	_SMON		Start month of summer/winter switchover
6897	short	_SMIN	min	Start minute of summer/winter switchover
6898	short	_SDOW		Summer/winter switchover (spring)
6899	short	_EDAY		Start day of summer/winter switchover (autumn)
6900	short	_EHOUR	h	Start hour of summer/winter switchover
6901	short	_EMON		Start month of summer/winter switchover
6902	short	_EMIN	min	Start minute of summer/winter switchover
6903	short	_EDOW		
6912	short	_EVT_VAL_PRE	n	Only for internal use
6913	short	_EVT_VAL_POST	n	Only for internal use
6914	int	_TRNS_MODE	n	Only for internal use
6916	int	_EVT_MODE	n	Only for internal use
6918	int	_CON_AUX_MODE	n	Only for internal use
6920	int	_CON_MODE	n	Only for internal use
6922	int	_PHASE_MODE	n	Only for internal use
6924	short	_COLOR[0]	n	Only for internal use
6925	short	_COLOR[1]	n	Only for internal use
6926	short	_COLOR[2]	n	Only for internal use
6927	short	_COLOR[3]	n	Only for internal use
6928	short	_COLOR[4]	n	Only for internal use
6929	short	_COLOR[5]	n	Only for internal use
6930	short	_COLOR[6]	n	Only for internal use
6931	short	_COLOR[7]	n	Only for internal use
6932	string	_GUEST_PASSWD	64	Only for internal use
6964	string	_USER_PASSWD	64	Only for internal use
6996	string	_ADMIN_PASSWD	64	Only for internal use
7028	float	_PULSWERT[0]	Wh/n	Only for internal use
7030	float	_PULSWERT[1]	Wh/n	Only for internal use
7032	float	_MAXSIZE_REC	%	Only for internal use
7034	float	_MAXSIZE_TRNS	%	Only for internal use
7036	float	_MAXSIZE_VWW	%	Only for internal use
7038	float	_MAXSIZE_EVT	%	Only for internal use
7040	float	_MAXSIZE_FLAGS	%	Only for internal use

Adress	Format	Designation	Unit	Note
7042	int	_TFTP_FILE_NR	n	Only for internal use
7044	int	_TFTP_NEWFILE	n	Only for internal use
7046	int	_DIGOUTEVT[0]	bin	Only for internal use
7048	int	_DIGOUTEVT[1]	bin	Only for internal use
7050	int	_DIGOUTEVT_TIME[0]	0.01s	Only for internal use
7052	int	_DIGOUTEVT_TIME[1]	0.01s	Only for internal use
7054	short	_INVERT_DIGOUT[0]	bool	Only for internal use
7055	short	_INVERT_DIGOUT[1]	bool	Only for internal use
8858	int	_KORR_INT		Only for internal use
8860	int	_QUARZ_KORR_NTP	ppm	Only for internal use
8862	int	_BACNET_SENDIAM_TIME	s	Only for internal use
8864	ushort	_HTML_PORT		Only for internal use
8865	string	_IP_ADDR_STR	32	Only for internal use
8881	string	_IP_GATEWAY_STR	32	Only for internal use
8897	string	_IP_MASK_STR	32	Only for internal use
8913	string	_NAMESRV_IP	32	Only for internal use
8929	string	_NTPSRV_IP	128	Only for internal use
8993	string	_HOSTNAME	64	Only for internal use
9025	string	_EVT_NAME	16	Only for internal use
9033	string	_FL_NAME	16	Only for internal use
9041	string	_TR_NAME	16	Only for internal use
9049	string	_HWW_NAME	16	Only for internal use
9057	int	_FILEMAGIC		Only for internal use
9059	int	_MODE_NTP		Only for internal use
9061	int	_QUARZ_KORR	ppm	Only for internal use
9063	float	_RC_FREQ	Hz	Only for internal use
9065	string	_TFTP_PRG1	256	Only for internal use
9193	string	_TFTP_PRG2	256	Only for internal use
9321	string	_TFTP_PRG3	256	Only for internal use
9449	string	_TFTP_PRG4	256	Only for internal use
9577	string	_TFTP_PRG5	256	Only for internal use
9705	string	_TFTP_PRG6	256	Only for internal use
9833	string	_TFTP_REC	256	Only for internal use
9961	string	_TFTP_DISPLAY	256	Only for internal use
10089	string	_RELEASE	16	Only for internal use
10097	string	_DOWNLOAD	64	Only for internal use
10129	int	_DUMMY		Only for internal use
10131	uint	_MASTER_TIMEOUT	msec	Only for internal use
10133	int	_ED_PASSWD		Only for internal use
10135	int	_HTML_PASSWD		Only for internal use
10137	int	_PASSWD_MODE		Only for internal use
10139	float	_CHALLENGE		Only for internal use
10141	-	-		-
10143	uint	_BACNET_PASSWORD		Only for internal use
10147	short	_FORBID_CFG_HTML		Only for internal use
10148	short	_FORBID_FTP		Only for internal use
10149	short	_FORBID_CFG_FTP		Only for internal use
10150	short	_FORBID_MODETH		Only for internal use
10151	short	_FORBID_CFG_MODETH		Only for internal use
10152	short	_FORBID_BACNET		Only for internal use
10153	short	_IP_UP		Only for internal use
10154	short	_SYSVAR_CNT		Only for internal use
10155	string	_SEQ_IP0	32	Only for internal use

Adress	Format	Designation	Unit	Note
10171	string	_SEQ_IP1	32	Only for internal use
10187	string	_SEQ_IP2	32	Only for internal use
10203	string	_SEQ_IP3	32	Only for internal use
10219	string	_SEQ_IP4	32	Only for internal use
10235	string	_SEQ_IP5	32	Only for internal use
10251	string	_SEQ_IP6	32	Only for internal use
10267	string	_SEQ_IP7	32	Only for internal use
10283	short	_CH_MAP[0]		Only for internal use
10284	short	_CH_MAP[1]		Only for internal use
10285	short	_CH_MAP[2]		Only for internal use
10286	short	_CH_MAP[3]		Only for internal use
10287	short	_CH_MAP[4]		Only for internal use
10288	short	_CH_MAP[5]		Only for internal use
10289	short	_CH_MAP[6]		Only for internal use
10290	short	_CH_MAP[7]		Only for internal use
10291	float	_NTP_DIV	s	Only for internal use
10293	float	_NTP_TURNAROUND	s	Only for internal use
10295	float	_NTP_KORR	ppm	Only for internal use
10297	long64	_RX_ETH_COUNT		Only for internal use
10301	long64	_TX_ETH_COUNT		Only for internal use
10305	long64	_ERR_ETH_COUNT		Only for internal use
10309	long64	_RX_NTP_COUNT		Only for internal use
10313	long64	_TX_NTP_COUNT		Only for internal use
10317	long64	_ERR_NTP_COUNT		Only for internal use
10321	long64	_RX_DNS_COUNT		Only for internal use
10325	long64	_TX_DNS_COUNT		Only for internal use
10329	long64	_ERR_DNS_COUNT		Only for internal use
10333	long64	_RX_DHCP_COUNT		Only for internal use
10337	long64	_TX_DHCP_COUNT		Only for internal use
10341	long64	_ERR_DHCP_COUNT		Only for internal use
10345	long64	_TX_EMAIL_COUNT		Only for internal use
10349	long64	_ERR_EMAIL_COUNT		Only for internal use
10353	int	_MTU_SIZE		Only for internal use
10355	long64	_SYSTIMEUP	10ms	Only for internal use
10359	float	_WH_V_T3[0]	Wh	Real energy, consumption, tariff 3, L1
10361	float	_WH_V_T3[1]	Wh	Real energy, consumption, tariff 3, L2
10363	float	_WH_V_T3[2]	Wh	Real energy, consumption, tariff 3, L3
10365	float	_WH_V_T3[3]	Wh	Real energy, consumption, tariff 3, L4
10367	float	_WH_V_T3[4]	Wh	Real energy, consump., tariff 3, L1..L3
10369	float	_WH_V_T3[5]	Wh	Real energy, consump., tariff 3, L1..L4
10371	float	_WH_V_T4[0]	Wh	Real energy, consumption, tariff 4, L1
10373	float	_WH_V_T4[1]	Wh	Real energy, consumption, tariff 4, L2
10375	float	_WH_V_T4[2]	Wh	Real energy, consumption, tariff 4, L3
10377	float	_WH_V_T4[3]	Wh	Real energy, consumption, tariff 4, L4
10379	float	_WH_V_T4[4]	Wh	Real energy, consump., tariff 4, L1..L3
10381	float	_WH_V_T4[5]	Wh	Real energy, consump., tariff 4, L1..L4
10383	float	_WH_Z_T3[0]	Wh	Real energy, supply, tariff 3, L1
10385	float	_WH_Z_T3[1]	Wh	Real energy, supply, tariff 3, L2
10387	float	_WH_Z_T3[2]	Wh	Real energy, supply, tariff 3, L3
10389	float	_WH_Z_T3[3]	Wh	Real energy, supply, tariff 3, L4
10391	float	_WH_Z_T3[4]	Wh	Real energy, supply, tariff 3, L1..L3
10393	float	_WH_Z_T3[5]	Wh	Real energy, supply, tariff 3, L1..L4
10395	float	_WH_Z_T4[0]	Wh	Real energy, supply, tariff 4, L1
10397	float	_WH_Z_T4[1]	Wh	Real energy, supply, tariff 4, L2
10399	float	_WH_Z_T4[2]	Wh	Real energy, supply, tariff 4, L3
10401	float	_WH_Z_T4[3]	Wh	Real energy, supply, tariff 4, L4
10403	float	_WH_Z_T4[4]	Wh	Real energy, supply, tariff 4, L1..L3
10405	float	_WH_Z_T4[5]	Wh	Real energy, supply, tariff 4, L1..L4

Adress	Format	Designation	Unit	Note
10407	float	_IQH_T3[0]	varh	Reactive energy, induktiv, tariff 3, L1
10409	float	_IQH_T3[1]	varh	Reactive energy, induktiv, tariff 3, L2
10411	float	_IQH_T3[2]	varh	Reactive energy, induktiv, tariff 3, L3
10413	float	_IQH_T3[3]	varh	Reactive energy, induktiv, tariff 3, L4
10415	float	_IQH_T3[4]	varh	Reactive energy, induktiv, tariff 3, L1..L3
10417	float	_IQH_T3[5]	varh	Reactive energy, induktiv, tariff 3, L1..L4
10419	float	_IQH_T4[0]	varh	Reactive energy, induktiv, tariff 4, L1
10421	float	_IQH_T4[1]	varh	Reactive energy, induktiv, tariff 4, L2
10423	float	_IQH_T4[2]	varh	Reactive energy, induktiv, tariff 4, L3
10425	float	_IQH_T4[3]	varh	Reactive energy, induktiv, tariff 4, L4
10427	float	_IQH_T4[4]	varh	Reactive energy, induktiv, tariff 3, L1..L3
10429	float	_IQH_T4[5]	varh	Reactive energy, induktiv, tariff 3, L1..L4
10431	float	_SNMP_USERVAR[0]		Only for internal use
10433	float	_SNMP_USERVAR[1]		Only for internal use
10435	float	_SNMP_USERVAR[2]		Only for internal use
10437	float	_SNMP_USERVAR[3]		Only for internal use
10439	float	_SNMP_USERVAR[4]		Only for internal use
10441	float	_SNMP_USERVAR[5]		Only for internal use
10443	float	_SNMP_USERVAR[6]		Only for internal use
10445	float	_SNMP_USERVAR[7]		Only for internal use
10447	float	_SNMP_USERVAR[8]		Only for internal use
10449	float	_SNMP_USERVAR[9]		Only for internal use
10451	float	_SNMP_USERVAR[10]		Only for internal use
10453	float	_SNMP_USERVAR[11]		Only for internal use
10455	float	_SNMP_USERVAR[12]		Only for internal use
10457	float	_SNMP_USERVAR[13]		Only for internal use
10459	float	_SNMP_USERVAR[14]		Only for internal use
10461	float	_SNMP_USERVAR[15]		Only for internal use
10463	double	_AKT_EVT_START[0]	s	Only for internal use
10467	double	_AKT_EVT_START[1]	s	Only for internal use
10471	double	_AKT_EVT_START[2]	s	Only for internal use
10475	double	_AKT_EVT_START[3]	s	Only for internal use
10479	double	_AKT_EVT_START[4]	s	Only for internal use
10483	double	_AKT_EVT_START[5]	s	Only for internal use
10487	double	_AKT_EVT_START[6]	s	Only for internal use
10491	double	_AKT_EVT_START[7]	s	Only for internal use
10495	double	_AKT_EVT_STOP[0]	s	Only for internal use
10499	double	_AKT_EVT_STOP[1]	s	Only for internal use
10503	double	_AKT_EVT_STOP[2]	s	Only for internal use
10507	double	_AKT_EVT_STOP[3]	s	Only for internal use
10511	double	_AKT_EVT_STOP[4]	s	Only for internal use
10515	double	_AKT_EVT_STOP[5]	s	Only for internal use
10519	double	_AKT_EVT_STOP[6]	s	Only for internal use
10523	double	_AKT_EVT_STOP[7]	s	Only for internal use
10527	float	_AKT_EVT_BOUND[0]		Only for internal use
10529	float	_AKT_EVT_BOUND[1]		Only for internal use
10531	float	_AKT_EVT_BOUND[2]		Only for internal use
10533	float	_AKT_EVT_BOUND[3]		Only for internal use
10535	float	_AKT_EVT_BOUND[4]		Only for internal use
10537	float	_AKT_EVT_BOUND[5]		Only for internal use
10539	float	_AKT_EVT_BOUND[6]		Only for internal use
10541	float	_AKT_EVT_BOUND[7]		Only for internal use
10543	float	_AKT_EVT_MAXVAL[0]		Only for internal use
10545	float	_AKT_EVT_MAXVAL[1]		Only for internal use
10547	float	_AKT_EVT_MAXVAL[2]		Only for internal use
10549	float	_AKT_EVT_MAXVAL[3]		Only for internal use
10551	float	_AKT_EVT_MAXVAL[4]		Only for internal use
10553	float	_AKT_EVT_MAXVAL[5]		Only for internal use

Adress	Format	Designation	Unit	Note
10555	float	_AKT_EVT_MAXVAL[6]		Only for internal use
10557	float	_AKT_EVT_MAXVAL[7]		Only for internal use
10559	float	_AKT_EVT_MINVAL[0]		Only for internal use
10561	float	_AKT_EVT_MINVAL[1]		Only for internal use
10563	float	_AKT_EVT_MINVAL[2]		Only for internal use
10565	float	_AKT_EVT_MINVAL[3]		Only for internal use
10567	float	_AKT_EVT_MINVAL[4]		Only for internal use
10569	float	_AKT_EVT_MINVAL[5]		Only for internal use
10571	float	_AKT_EVT_MINVAL[6]		Only for internal use
10573	float	_AKT_EVT_MINVAL[7]		Only for internal use
10575	float	_AKT_EVT_AVG[0]		Only for internal use
10577	float	_AKT_EVT_AVG[1]		Only for internal use
10579	float	_AKT_EVT_AVG[2]		Only for internal use
10581	float	_AKT_EVT_AVG[3]		Only for internal use
10583	float	_AKT_EVT_AVG[4]		Only for internal use
10585	float	_AKT_EVT_AVG[5]		Only for internal use
10587	float	_AKT_EVT_AVG[6]		Only for internal use
10589	float	_AKT_EVT_AVG[7]		Only for internal use
10591	int	_AKT_EVT_REASON[0]		Only for internal use
10593	int	_AKT_EVT_REASON[1]		Only for internal use
10595	int	_AKT_EVT_REASON[2]		Only for internal use
10597	int	_AKT_EVT_REASON[3]		Only for internal use
10599	int	_AKT_EVT_REASON[4]		Only for internal use
10601	int	_AKT_EVT_REASON[5]		Only for internal use
10603	int	_AKT_EVT_REASON[6]		Only for internal use
10605	int	_AKT_EVT_REASON[7]		Only for internal use
10607	int	_AKT_EVT_CNT[0]		Only for internal use
10609	int	_AKT_EVT_CNT[1]		Only for internal use
10611	int	_AKT_EVT_CNT[2]		Only for internal use
10613	int	_AKT_EVT_CNT[3]		Only for internal use
10615	int	_AKT_EVT_CNT[4]		Only for internal use
10617	int	_AKT_EVT_CNT[5]		Only for internal use
10619	int	_AKT_EVT_CNT[6]		Only for internal use
10621	int	_AKT_EVT_CNT[7]		Only for internal use
10623	int	_HW_INDEX		Only for internal use
11503	byte	_PTP_VERSION		Only for internal use
11504	byte	_PTP_DOMAIN		Only for internal use
11505	byte	_PTP_CLOCK_CLASS		Only for internal use
11506	byte	_PTP_CLOCK_ACCURACY		Only for internal use
11507	byte	_PTP_TIME_SOURCE		Only for internal use
11508	byte	_PTP_TWO_STEP		Only for internal use
11509	byte	_PTP_DELAY_MECHANISM		Only for internal use
11510	byte	_PTP_PROFILE_ID[0]		Only for internal use
11511	byte	_PTP_PROFILE_ID[1]		Only for internal use
11512	byte	_PTP_PROFILE_ID[2]		Only for internal use
11513	byte	_PTP_PROFILE_ID[3]		Only for internal use
11514	byte	_PTP_PROFILE_ID[4]		Only for internal use
11515	byte	_PTP_PROFILE_ID[5]		Only for internal use
11516	byte	_PTP_ANNOUNCE_RECEIPT_TIMEOUT		Only for internal use
11517	int	_PTP_STATE		Only for internal use
11519	short	_PTP_MANAGEMENT_INTERFACE		Only for internal use
11520	byte	_PTP_PRIORITY1		Only for internal use
11521	byte	_PTP_PRIORITY2		Only for internal use

Adress	Format	Designation	Unit	Note
14091	int	_INIT_CUSTOMKEY	-	Only for internal use
19196	short	_FORBID_HTML		Only for internal use
19668	float	_G_DLN[0]	var	IN Distortion reactive power
19670	float	_G_DLN[1]	var	IN Distortion reactive power
19672	float	_G_DLN[2]	var	IN Distortion reactive power
19674	float	_G_DLN[3]	var	IN Distortion reactive power
19676	float	_G_ULL_RE[0]	V	Voltage, real part L-L
19678	float	_G_ULL_RE[1]	V	Voltage, real part L-L
19680	float	_G_ULL_RE[2]	V	Voltage, real part L-L
19682	float	_G_ULL_IM[0]	V	Voltage, imaginary part L-L
19684	float	_G_ULL_IM[1]	V	Voltage, imaginary part L-L
19686	float	_G_ULL_IM[2]	V	Voltage, imaginary part L-L
19710	uint	_RUNNING_EVENTS_COUNTER	-	Counter for started events
19712	int	_RUNNING_EVENTS_FLAGS	-	Flags for running events

Adress	Format	Designation	Unit	Note

Energy

Adress	Format	Designation	Unit	Note
6462	short	_W_TARIF		Current rate, real/apparent energy
6463	short	_Q_TARIF		Current rate, reactive energy
6464	float	_WH_S[0]	VAh	Apparent energy L1
6466	float	_WH_S[1]	VAh	Apparent energy L2
6468	float	_WH_S[2]	VAh	Apparent energy L3
6470	float	_WH_S[3]	VAh	Apparent energy L4
6472	float	_WH_S[4]	VAh	Apparent energy L1+L2+L3
6474	float	_WH_S[5]	VAh	Apparent energy L1+L2+L3+L4
6476	float	_WH[0]	Wh	Real energy L1
6478	float	_WH[1]	Wh	Real energy L2
6480	float	_WH[2]	Wh	Real energy L3
6482	float	_WH[3]	Wh	Real energy L4
6484	float	_WH[4]	Wh	Real energy L1+L2+L3
6486	float	_WH[5]	Wh	Real energy L1+L2+L3+L4
6488	float	_QH[0]	varh	Reaktive energy L1
6490	float	_QH[1]	varh	Reaktive energy L2
6492	float	_QH[2]	varh	Reaktive energy L3
6494	float	_QH[3]	varh	Reaktive energy L4
6496	float	_QH[4]	varh	Reaktive energy L1+L2+L3
6498	float	_QH[5]	varh	Reaktive energy L1+L2+L3+L4
6500	float	_WH_V[0]	Wh	Real energy L1, consumed
6502	float	_WH_V[1]	Wh	Real energy L2, consumed
6504	float	_WH_V[2]	Wh	Real energy L3, consumed
6506	float	_WH_V[3]	Wh	Real energy L4, consumed
6508	float	_WH_V[4]	Wh	Real energy L1+L2+L3, consumed
6510	float	_WH_V[5]	Wh	Real energy L1+L2+L3+L4, consumed
6512	float	_WH_Z[0]	Wh	Real energy L1, delivered
6514	float	_WH_Z[1]	Wh	Real energy L2, delivered
6516	float	_WH_Z[2]	Wh	Real energy L3, delivered
6518	float	_WH_Z[3]	Wh	Real energy L4, delivered
6520	float	_WH_Z[4]	Wh	Real energy L1+L2+L3, delivered
6522	float	_WH_Z[5]	Wh	Real energy L1+L2+L3+L4, delivered
6524	float	_WH_V_HT[0]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6526	float	_WH_V_HT[1]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6528	float	_WH_V_HT[2]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6530	float	_WH_V_HT[3]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6532	float	_WH_V_HT[4]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6534	float	_WH_V_HT[5]	Wh	Real energy L, consumed, HT (tariff 1), rate 1
6536	float	_WH_V_NT[0]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6538	float	_WH_V_NT[1]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6540	float	_WH_V_NT[2]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6542	float	_WH_V_NT[3]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6544	float	_WH_V_NT[4]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6546	float	_WH_V_NT[5]	Wh	Real energy L, consumed, NT (tariff 1), rate 2
6548	float	_WH_Z_HT[0]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6550	float	_WH_Z_HT[1]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6552	float	_WH_Z_HT[2]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6554	float	_WH_Z_HT[3]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6556	float	_WH_Z_HT[4]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6558	float	_WH_Z_HT[5]	Wh	Real energy L, delivered, HT (tariff 2), rate 1
6560	float	_WH_Z_NT[0]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6562	float	_WH_Z_NT[1]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6564	float	_WH_Z_NT[2]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6566	float	_WH_Z_NT[3]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6568	float	_WH_Z_NT[4]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6570	float	_WH_Z_NT[5]	Wh	Real energy L, delivered, NT (tariff 2), rate 2
6572	float	_IQH[0]	varh	Reactive energy L, inductive
6574	float	_IQH[1]	varh	Reactive energy L, inductive

Adress	Format	Designation	Unit	Note
6576	float	_IQH[2]	varh	Reactive energy L, inductive
6578	float	_IQH[3]	varh	Reactive energy L, inductive
6580	float	_IQH[4]	varh	Reactive energy L, inductive
6582	float	_IQH[5]	varh	Reactive energy L, inductive
6584	float	_CQH[0]	varh	Reactive energy L, capacitive
6586	float	_CQH[1]	varh	Reactive energy L, capacitive
6588	float	_CQH[2]	varh	Reactive energy L, capacitive
6590	float	_CQH[3]	varh	Reactive energy L, capacitive
6592	float	_CQH[4]	varh	Reactive energy L, capacitive
6594	float	_CQH[5]	varh	Reactive energy L, capacitive
6596	float	_IQH_HT[0]	varh	Reactive energy L, inductive, rate 1
6598	float	_IQH_HT[1]	varh	Reactive energy L, inductive, rate 1
6600	float	_IQH_HT[2]	varh	Reactive energy L, inductive, rate 1
6602	float	_IQH_HT[3]	varh	Reactive energy L, inductive, rate 1
6604	float	_IQH_HT[4]	varh	Reactive energy L, inductive, rate 1
6606	float	_IQH_HT[5]	varh	Reactive energy L, inductive, rate 1
6608	float	_IQH_NT[0]	varh	Reactive energy L, inductive, rate 2
6610	float	_IQH_NT[1]	varh	Reactive energy L, inductive, rate 2
6612	float	_IQH_NT[2]	varh	Reactive energy L, inductive, rate 2
6614	float	_IQH_NT[3]	varh	Reactive energy L, inductive, rate 2
6616	float	_IQH_NT[4]	varh	Reactive energy L, inductive, rate 2
6618	float	_IQH_NT[5]	varh	Reactive energy L, inductive, rate 2
6620	float	_S0_CNT[0]	n	Energy meter (counter, not scaled), impulse input 1
6622	float	_S0_CNT[1]	n	Energy meter (counter, not scaled), impulse input 2
6624	float	_TIME_WH	s	Runtime of real and apparent energy meas.
6626	float	_TIME_QH	s	Runtime of real and reactive energy meas.
10625	float	_VWH_MONTH[0]	Wh	Real energy, month high, jan., even year
10627	float	_VWH_MONTH[1]	Wh	Real energy, month high, feb., even year
10629	float	_VWH_MONTH[2]	Wh	Real energy, month high, march, even year
10631	float	_VWH_MONTH[3]	Wh	Real energy, month high, april, even year
10633	float	_VWH_MONTH[4]	Wh	Real energy, month high, may, even year
10635	float	_VWH_MONTH[5]	Wh	Real energy, month high, june, even year
10637	float	_VWH_MONTH[6]	Wh	Real energy, month high, july, even year
10639	float	_VWH_MONTH[7]	Wh	Real energy, month high, aug., even year
10641	float	_VWH_MONTH[8]	Wh	Real energy, month high, sep., even year
10643	float	_VWH_MONTH[9]	Wh	Real energy, month high, oct. even year
10645	float	_VWH_MONTH[10]	Wh	Real energy, month high, nov., even year
10647	float	_VWH_MONTH[11]	Wh	Real energy, month high, dec., even year
10649	float	_VWH_MONTH[12]	Wh	Real energy, month high, jan., uneven year
10651	float	_VWH_MONTH[13]	Wh	Real energy, month high, feb., uneven year
10653	float	_VWH_MONTH[14]	Wh	Real energy, month high, march, uneven year
10655	float	_VWH_MONTH[15]	Wh	Real energy, month high, april, uneven year
10657	float	_VWH_MONTH[16]	Wh	Real energy, month high, may, uneven year
10659	float	_VWH_MONTH[17]	Wh	Real energy, month high, june, uneven year
10661	float	_VWH_MONTH[18]	Wh	Real energy, month high, july, uneven year
10663	float	_VWH_MONTH[19]	Wh	Real energy, month high, aug., uneven year
10665	float	_VWH_MONTH[20]	Wh	Real energy, month high, sep., uneven year
10667	float	_VWH_MONTH[21]	Wh	Real energy, month high, oct.., uneven year
10669	float	_VWH_MONTH[22]	Wh	Real energy, month high, nov., uneven year
10671	float	_VWH_MONTH[23]	Wh	Real energy, month high, dec., uneven year
10673	float	_SH_MONTH[0]	VAh	Apparent energy, month high, jan., even year
10675	float	_SH_MONTH[1]	VAh	Apparent energy, month high, feb., even year
10677	float	_SH_MONTH[2]	VAh	Apparent energy, month high, march, even year
10679	float	_SH_MONTH[3]	VAh	Apparent energy, month high, april, even year
10681	float	_SH_MONTH[4]	VAh	Apparent energy, month high, may, even year

Adress	Format	Designation	Unit	Note
10683	float	_SH_MONTH[5]	VAh	Apparent energy, month high, june, even year
10685	float	_SH_MONTH[6]	VAh	Apparent energy, month high, july, even year
10687	float	_SH_MONTH[7]	VAh	Apparent energy, month high, aug., even year
10689	float	_SH_MONTH[8]	VAh	Apparent energy, month high, sep., even year
10691	float	_SH_MONTH[9]	VAh	Apparent energy, month high, oct., even year
10693	float	_SH_MONTH[10]	VAh	Apparent energy, month high, nov., even year
10695	float	_SH_MONTH[11]	VAh	Apparent energy, month high, dec., even year
10697	float	_SH_MONTH[12]	VAh	Apparent energy, month high, jan., uneven year
10699	float	_SH_MONTH[13]	VAh	Apparent energy, month high, feb., uneven year
10701	float	_SH_MONTH[14]	VAh	Apparent energy, month high, march, uneven year
10703	float	_SH_MONTH[15]	VAh	Apparent energy, month high, april, uneven year
10705	float	_SH_MONTH[16]	VAh	Apparent energy, month high, may, uneven year
10707	float	_SH_MONTH[17]	VAh	Apparent energy, month high, june, uneven year
10709	float	_SH_MONTH[18]	VAh	Apparent energy, month high, july, uneven year
10711	float	_SH_MONTH[19]	VAh	Apparent energy, month high, aug., uneven year
10713	float	_SH_MONTH[20]	VAh	Apparent energy, month high, sep., uneven year
10715	float	_SH_MONTH[21]	VAh	Apparent energy, month high, oct., uneven year
10717	float	_SH_MONTH[22]	VAh	Apparent energy, month high, nov., uneven year
10719	float	_SH_MONTH[23]	VAh	Apparent energy, month high, dec., uneven year
10721	float	_IQH_MONTH[0]	Varh	Reactive energy, month high, jan., even year
10723	float	_IQH_MONTH[1]	Varh	Reactive energy, month high, feb., even year
10725	float	_IQH_MONTH[2]	Varh	Reactive energy, month high, march, even year
10727	float	_IQH_MONTH[3]	Varh	Reactive energy, month high, april, even year
10729	float	_IQH_MONTH[4]	Varh	Reactive energy, month high, may even year
10731	float	_IQH_MONTH[5]	Varh	Reactive energy, month high, june, even year
10733	float	_IQH_MONTH[6]	Varh	Reactive energy, month high, july, even year
10735	float	_IQH_MONTH[7]	Varh	Reactive energy, month high, aug., even year
10737	float	_IQH_MONTH[8]	Varh	Reactive energy, month high, sep., even year
10739	float	_IQH_MONTH[9]	Varh	Reactive energy, month high, oct., even year
10741	float	_IQH_MONTH[10]	Varh	Reactive energy, month high, nov., even year
10743	float	_IQH_MONTH[11]	Varh	Reactive energy, month high, dec., even year
10745	float	_IQH_MONTH[12]	Varh	Reactive energy, month high, jan., uneven year
10747	float	_IQH_MONTH[13]	Varh	Reactive energy, month high, feb., uneven year
10749	float	_IQH_MONTH[14]	Varh	Reactive energy, month high, march, uneven year
10751	float	_IQH_MONTH[15]	Varh	Reactive energy, month high, april, uneven year
10753	float	_IQH_MONTH[16]	Varh	Reactive energy, month high, may, uneven year
10755	float	_IQH_MONTH[17]	Varh	Reactive energy, month high, june., uneven year
10757	float	_IQH_MONTH[18]	Varh	Reactive energy, month high, july., uneven year
10759	float	_IQH_MONTH[19]	Varh	Reactive energy, month high, aug., uneven year
10761	float	_IQH_MONTH[20]	Varh	Reactive energy, month high, sep., uneven year
10763	float	_IQH_MONTH[21]	Varh	Reactive energy, month high, oct., uneven year
10765	float	_IQH_MONTH[22]	Varh	Reactive energy, month high, nov., uneven year
10767	float	_IQH_MONTH[23]	Varh	Reactive energy, month high, dez., uneven year
10769	float	_P15_MONTH[0]	W	EMAX, 15minutes month high, jan., even year
10771	float	_P15_MONTH[1]	W	EMAX, 15minutes month high, feb., even year
10773	float	_P15_MONTH[2]	W	EMAX, 15minutes month high, march, even year
10775	float	_P15_MONTH[3]	W	EMAX, 15minutes month high, april., even year
10777	float	_P15_MONTH[4]	W	EMAX, 15minutes month high, may, even year
10779	float	_P15_MONTH[5]	W	EMAX, 15minutes month high, june, even year
10781	float	_P15_MONTH[6]	W	EMAX, 15minutes month high, july, even year
10783	float	_P15_MONTH[7]	W	EMAX, 15minutes month high, aug., even year
10785	float	_P15_MONTH[8]	W	EMAX, 15minutes month high, sep., even year
10787	float	_P15_MONTH[9]	W	EMAX, 15minutes month high, oct., even year

Adress	Format	Designation	Unit	Note
10789	float	_P15_MONTH[10]	W	EMAX, 15minutes month high, nov., even year
10791	float	_P15_MONTH[11]	W	EMAX, 15minutes month high, dez., even year
10793	float	_P15_MONTH[12]	W	EMAX, 15minutes month high, jan., uneven year
10795	float	_P15_MONTH[13]	W	EMAX, 15minutes month high, feb., uneven year
10797	float	_P15_MONTH[14]	W	EMAX, 15minutes month high, march, uneven year
10799	float	_P15_MONTH[15]	W	EMAX, 15minutes month high, april, uneven year
10801	float	_P15_MONTH[16]	W	EMAX, 15minutes month high, may, uneven year
10803	float	_P15_MONTH[17]	W	EMAX, 15minutes month high, june, uneven year
10805	float	_P15_MONTH[18]	W	EMAX, 15minutes month high, july, uneven year
10807	float	_P15_MONTH[19]	W	EMAX, 15minutes month high, aug., uneven year
10809	float	_P15_MONTH[20]	W	EMAX, 15minutes month high, sep., uneven year
10811	float	_P15_MONTH[21]	W	EMAX, 15minutes month high, oct., uneven year
10813	float	_P15_MONTH[22]	W	EMAX, 15minutes month high, nov., uneven year
10815	float	_P15_MONTH[23]	W	EMAX, 15minutes month high, dec., uneven year
10913	uint	_P15_T_MONTH[0]	s	Time of 15minutes month high, jan., even year
10915	uint	_P15_T_MONTH[1]	s	Time of 15minutes month high, feb., even year
10927	uint	_P15_T_MONTH[2]	s	Time of 15minutes month high, march, even year
10929	uint	_P15_T_MONTH[3]	s	Time of 15minutes month high, april, even year
10921	uint	_P15_T_MONTH[4]	s	Time of 15minutes month high, may, even year
10923	uint	_P15_T_MONTH[5]	s	Time of 15minutes month high, june, even year
10925	uint	_P15_T_MONTH[6]	s	Time of 15minutes month high, july., even year
10927	uint	_P15_T_MONTH[7]	s	Time of 15minutes month high, aug., even year
10929	uint	_P15_T_MONTH[8]	s	Time of 15minutes month high, sep., even year
10931	uint	_P15_T_MONTH[9]	s	Time of 15minutes month high, oct., even year
10933	uint	_P15_T_MONTH[10]	s	Time of 15minutes month high, nov., even year
10935	uint	_P15_T_MONTH[11]	s	Time of 15minutes month high, dez., even year
10937	uint	_P15_T_MONTH[12]	s	Time of 15minutes month high, jan., uneven year
10939	uint	_P15_T_MONTH[13]	s	Time of 15minutes month high, feb., uneven year
10941	uint	_P15_T_MONTH[14]	s	Time of 15minutes month high, march, uneven year
10943	uint	_P15_T_MONTH[15]	s	Time of 15minutes month high, april, uneven year
10945	uint	_P15_T_MONTH[16]	s	Time of 15minutes month high, may, uneven year
10947	uint	_P15_T_MONTH[17]	s	Time of 15minutes month high, june, uneven year
10949	uint	_P15_T_MONTH[18]	s	Time of 15minutes month high, july, uneven year
10951	uint	_P15_T_MONTH[19]	s	Time of 15minutes month high, aug., uneven year
10953	uint	_P15_T_MONTH[20]	s	Time of 15minutes month high, sep., uneven year
10955	uint	_P15_T_MONTH[21]	s	Time of 15minutes month high, oct., uneven year
10957	uint	_P15_T_MONTH[22]	s	Time of 15minutes month high, nov., uneven year
10959	uint	_P15_T_MONTH[23]	s	Time of 15minutes month high, dec., uneven year
19203	dfloat	_IVQH[0]	varh	Reactive energy L1 (inductive), consumed
19205	dfloat	_IVQH[1]	varh	Reactive energy L2 (inductive), consumed
19207	dfloat	_IVQH[2]	varh	Reactive energy L3 (inductive), consumed
19209	dfloat	_IVQH[3]	varh	Reactive energy L4 (inductive), consumed
19211	dfloat	_IVQH[4]	varh	Reactive energy L1..L3 (inductive), consumed
19213	dfloat	_IVQH[5]	varh	Reactive energy L1..L4 (inductive), consumed
19215	dfloat	_IZQH[0]	varh	Reactive energy L1 (inductive), delivered
19217	dfloat	_IZQH[1]	varh	Reactive energy L2 (inductive), delivered
19219	dfloat	_IZQH[2]	varh	Reactive energy L3 (inductive), delivered
19221	dfloat	_IZQH[3]	varh	Reactive energy L4 (inductive), delivered
19223	dfloat	_IZQH[4]	varh	Reactive energy L1..L3 (inductive), delivered
19225	dfloat	_IZQH[5]	varh	Reactive energy L1..L4 (inductive), delivered
19227	dfloat	_CVQH[0]	varh	Reactive energy L1 (capacitive), consumed
19229	dfloat	_CVQH[1]	varh	Reactive energy L2 (capacitive), consumed

Adress	Format	Designation	Unit	Note
19231	dfloat	_CVQH[2]	varh	Reactive energy L3 (capacitive), consumed
19233	dfloat	_CVQH[3]	varh	Reactive energy L4 (capacitive), consumed
19235	dfloat	_CVQH[4]	varh	Reactive energy L1..L3 (capacitive), consumed
19237	dfloat	_CVQH[5]	varh	Reactive energy L1..L4 (capacitive), consumed
19239	dfloat	_CZQH[0]	varh	Reactive energy L1 (capacitive), delivered
19241	dfloat	_CZQH[1]	varh	Reactive energy L2 (capacitive), delivered
19243	dfloat	_CZQH[2]	varh	Reactive energy L3 (capacitive), delivered
19245	dfloat	_CZQH[3]	varh	Reactive energy L4 (capacitive), delivered
19247	dfloat	_CZQH[4]	varh	Reactive energy L1..L3 (capacitive), delivered
19249	dfloat	_CZQH[5]	varh	Reactive energy L1..L4 (capacitive), delivered

Adress	Format	Designation	Unit	Note

FFT Fourier analysis

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

Adress	Format	Designation	Unit	Note
129	float	_FFT_ULL1[58]	V	
131	float	_FFT_ULL1[59]	V	
133	float	_FFT_ULL1[60]	V	
135	float	_FFT_ULL1[61]	V	
137	float	_FFT_ULL1[62]	V	63rd harmonic
139	float	_FFT_ULL2[0]	V	
141	float	_FFT_ULL2[1]	V	
143	float	_FFT_ULL2[2]	V	
145	float	_FFT_ULL2[3]	V	
147	float	_FFT_ULL2[4]	V	
149	float	_FFT_ULL2[5]	V	
151	float	_FFT_ULL2[6]	V	
153	float	_FFT_ULL2[7]	V	
155	float	_FFT_ULL2[8]	V	
157	float	_FFT_ULL2[9]	V	
159	float	_FFT_ULL2[10]	V	
161	float	_FFT_ULL2[11]	V	
163	float	_FFT_ULL2[12]	V	
165	float	_FFT_ULL2[13]	V	
167	float	_FFT_ULL2[14]	V	
169	float	_FFT_ULL2[15]	V	
171	float	_FFT_ULL2[16]	V	
173	float	_FFT_ULL2[17]	V	
175	float	_FFT_ULL2[18]	V	
177	float	_FFT_ULL2[19]	V	
179	float	_FFT_ULL2[20]	V	
181	float	_FFT_ULL2[21]	V	
183	float	_FFT_ULL2[22]	V	
185	float	_FFT_ULL2[23]	V	
187	float	_FFT_ULL2[24]	V	
189	float	_FFT_ULL2[25]	V	
191	float	_FFT_ULL2[26]	V	
193	float	_FFT_ULL2[27]	V	
195	float	_FFT_ULL2[28]	V	
197	float	_FFT_ULL2[29]	V	
199	float	_FFT_ULL2[30]	V	
201	float	_FFT_ULL2[31]	V	
203	float	_FFT_ULL2[32]	V	
205	float	_FFT_ULL2[33]	V	
207	float	_FFT_ULL2[34]	V	
209	float	_FFT_ULL2[35]	V	
211	float	_FFT_ULL2[36]	V	
213	float	_FFT_ULL2[37]	V	
215	float	_FFT_ULL2[38]	V	
217	float	_FFT_ULL2[39]	V	
219	float	_FFT_ULL2[40]	V	
221	float	_FFT_ULL2[41]	V	
223	float	_FFT_ULL2[42]	V	
225	float	_FFT_ULL2[43]	V	
227	float	_FFT_ULL2[44]	V	
229	float	_FFT_ULL2[45]	V	
231	float	_FFT_ULL2[46]	V	
233	float	_FFT_ULL2[47]	V	
235	float	_FFT_ULL2[48]	V	
237	float	_FFT_ULL2[49]	V	
239	float	_FFT_ULL2[50]	V	
241	float	_FFT_ULL2[51]	V	
243	float	_FFT_ULL2[52]	V	

Adress	Format	Designation	Unit	Note
245	float	_FFT_ULL2[53]	V	
247	float	_FFT_ULL2[54]	V	
249	float	_FFT_ULL2[55]	V	
251	float	_FFT_ULL2[56]	V	
253	float	_FFT_ULL2[57]	V	
255	float	_FFT_ULL2[58]	V	
257	float	_FFT_ULL2[59]	V	
259	float	_FFT_ULL2[60]	V	
261	float	_FFT_ULL2[61]	V	
263	float	_FFT_ULL2[62]	V	
265	float	_FFT_ULL3[0]	V	
267	float	_FFT_ULL3[1]	V	
269	float	_FFT_ULL3[2]	V	
271	float	_FFT_ULL3[3]	V	
273	float	_FFT_ULL3[4]	V	
275	float	_FFT_ULL3[5]	V	
277	float	_FFT_ULL3[6]	V	
279	float	_FFT_ULL3[7]	V	
281	float	_FFT_ULL3[8]	V	
283	float	_FFT_ULL3[9]	V	
285	float	_FFT_ULL3[10]	V	
287	float	_FFT_ULL3[11]	V	
289	float	_FFT_ULL3[12]	V	
291	float	_FFT_ULL3[13]	V	
293	float	_FFT_ULL3[14]	V	
295	float	_FFT_ULL3[15]	V	
297	float	_FFT_ULL3[16]	V	
299	float	_FFT_ULL3[17]	V	
301	float	_FFT_ULL3[18]	V	
303	float	_FFT_ULL3[19]	V	
305	float	_FFT_ULL3[20]	V	
307	float	_FFT_ULL3[21]	V	
309	float	_FFT_ULL3[22]	V	
311	float	_FFT_ULL3[23]	V	
313	float	_FFT_ULL3[24]	V	
315	float	_FFT_ULL3[25]	V	
317	float	_FFT_ULL3[26]	V	
319	float	_FFT_ULL3[27]	V	
321	float	_FFT_ULL3[28]	V	
323	float	_FFT_ULL3[29]	V	
325	float	_FFT_ULL3[30]	V	
327	float	_FFT_ULL3[31]	V	
329	float	_FFT_ULL3[32]	V	
331	float	_FFT_ULL3[33]	V	
333	float	_FFT_ULL3[34]	V	
335	float	_FFT_ULL3[35]	V	
337	float	_FFT_ULL3[36]	V	
339	float	_FFT_ULL3[37]	V	
341	float	_FFT_ULL3[38]	V	
343	float	_FFT_ULL3[39]	V	
345	float	_FFT_ULL3[40]	V	
347	float	_FFT_ULL3[41]	V	
349	float	_FFT_ULL3[42]	V	
351	float	_FFT_ULL3[43]	V	
353	float	_FFT_ULL3[44]	V	
355	float	_FFT_ULL3[45]	V	
357	float	_FFT_ULL3[46]	V	
359	float	_FFT_ULL3[47]	V	

Adress	Format	Designation	Unit	Note
361	float	_FFT_ULL3[48]	V	
363	float	_FFT_ULL3[49]	V	
365	float	_FFT_ULL3[50]	V	
367	float	_FFT_ULL3[51]	V	
369	float	_FFT_ULL3[52]	V	
371	float	_FFT_ULL3[53]	V	
373	float	_FFT_ULL3[54]	V	
375	float	_FFT_ULL3[55]	V	
377	float	_FFT_ULL3[56]	V	
379	float	_FFT_ULL3[57]	V	
381	float	_FFT_ULL3[58]	V	
383	float	_FFT_ULL3[59]	V	
385	float	_FFT_ULL3[60]	V	
387	float	_FFT_ULL3[61]	V	
389	float	_FFT_ULL3[62]	V	
391	float	_FFT_UL1[0]	V	
393	float	_FFT_UL1[1]	V	
395	float	_FFT_UL1[2]	V	
397	float	_FFT_UL1[3]	V	
399	float	_FFT_UL1[4]	V	
401	float	_FFT_UL1[5]	V	
403	float	_FFT_UL1[6]	V	
405	float	_FFT_UL1[7]	V	
407	float	_FFT_UL1[8]	V	
409	float	_FFT_UL1[9]	V	
411	float	_FFT_UL1[10]	V	
413	float	_FFT_UL1[11]	V	
415	float	_FFT_UL1[12]	V	
417	float	_FFT_UL1[13]	V	
419	float	_FFT_UL1[14]	V	
421	float	_FFT_UL1[15]	V	
423	float	_FFT_UL1[16]	V	
425	float	_FFT_UL1[17]	V	
427	float	_FFT_UL1[18]	V	
429	float	_FFT_UL1[19]	V	
431	float	_FFT_UL1[20]	V	
433	float	_FFT_UL1[21]	V	
435	float	_FFT_UL1[22]	V	
437	float	_FFT_UL1[23]	V	
439	float	_FFT_UL1[24]	V	
441	float	_FFT_UL1[25]	V	
443	float	_FFT_UL1[26]	V	
445	float	_FFT_UL1[27]	V	
447	float	_FFT_UL1[28]	V	
449	float	_FFT_UL1[29]	V	
451	float	_FFT_UL1[30]	V	
453	float	_FFT_UL1[31]	V	
455	float	_FFT_UL1[32]	V	
457	float	_FFT_UL1[33]	V	
459	float	_FFT_UL1[34]	V	
461	float	_FFT_UL1[35]	V	
463	float	_FFT_UL1[36]	V	
465	float	_FFT_UL1[37]	V	
467	float	_FFT_UL1[38]	V	
469	float	_FFT_UL1[39]	V	
471	float	_FFT_UL1[40]	V	
473	float	_FFT_UL1[41]	V	
475	float	_FFT_UL1[42]	V	

Adress	Format	Designation	Unit	Note
477	float	_FFT_UL1[43]	V	
479	float	_FFT_UL1[44]	V	
481	float	_FFT_UL1[45]	V	
483	float	_FFT_UL1[46]	V	
485	float	_FFT_UL1[47]	V	
487	float	_FFT_UL1[48]	V	
489	float	_FFT_UL1[49]	V	
491	float	_FFT_UL1[50]	V	
493	float	_FFT_UL1[51]	V	
495	float	_FFT_UL1[52]	V	
497	float	_FFT_UL1[53]	V	
499	float	_FFT_UL1[54]	V	
501	float	_FFT_UL1[55]	V	
503	float	_FFT_UL1[56]	V	
505	float	_FFT_UL1[57]	V	
507	float	_FFT_UL1[58]	V	
509	float	_FFT_UL1[59]	V	
511	float	_FFT_UL1[60]	V	
513	float	_FFT_UL1[61]	V	
515	float	_FFT_UL1[62]	V	
517	float	_FFT_UL2[0]	V	
519	float	_FFT_UL2[1]	V	
521	float	_FFT_UL2[2]	V	
523	float	_FFT_UL2[3]	V	
525	float	_FFT_UL2[4]	V	
527	float	_FFT_UL2[5]	V	
529	float	_FFT_UL2[6]	V	
531	float	_FFT_UL2[7]	V	
533	float	_FFT_UL2[8]	V	
535	float	_FFT_UL2[9]	V	
537	float	_FFT_UL2[10]	V	
539	float	_FFT_UL2[11]	V	
541	float	_FFT_UL2[12]	V	
543	float	_FFT_UL2[13]	V	
545	float	_FFT_UL2[14]	V	
547	float	_FFT_UL2[15]	V	
549	float	_FFT_UL2[16]	V	
551	float	_FFT_UL2[17]	V	
553	float	_FFT_UL2[18]	V	
555	float	_FFT_UL2[19]	V	
557	float	_FFT_UL2[20]	V	
559	float	_FFT_UL2[21]	V	
561	float	_FFT_UL2[22]	V	
563	float	_FFT_UL2[23]	V	
565	float	_FFT_UL2[24]	V	
567	float	_FFT_UL2[25]	V	
569	float	_FFT_UL2[26]	V	
571	float	_FFT_UL2[27]	V	
573	float	_FFT_UL2[28]	V	
575	float	_FFT_UL2[29]	V	
577	float	_FFT_UL2[30]	V	
579	float	_FFT_UL2[31]	V	
581	float	_FFT_UL2[32]	V	
583	float	_FFT_UL2[33]	V	
585	float	_FFT_UL2[34]	V	
587	float	_FFT_UL2[35]	V	
589	float	_FFT_UL2[36]	V	
591	float	_FFT_UL2[37]	V	

Adress	Format	Designation	Unit	Note
593	float	_FFT_UL2[38]	V	
595	float	_FFT_UL2[39]	V	
597	float	_FFT_UL2[40]	V	
599	float	_FFT_UL2[41]	V	
601	float	_FFT_UL2[42]	V	
603	float	_FFT_UL2[43]	V	
605	float	_FFT_UL2[44]	V	
607	float	_FFT_UL2[45]	V	
609	float	_FFT_UL2[46]	V	
611	float	_FFT_UL2[47]	V	
613	float	_FFT_UL2[48]	V	
615	float	_FFT_UL2[49]	V	
617	float	_FFT_UL2[50]	V	
619	float	_FFT_UL2[51]	V	
621	float	_FFT_UL2[52]	V	
623	float	_FFT_UL2[53]	V	
625	float	_FFT_UL2[54]	V	
627	float	_FFT_UL2[55]	V	
629	float	_FFT_UL2[56]	V	
631	float	_FFT_UL2[57]	V	
633	float	_FFT_UL2[58]	V	
635	float	_FFT_UL2[59]	V	
637	float	_FFT_UL2[60]	V	
639	float	_FFT_UL2[61]	V	
641	float	_FFT_UL2[62]	V	
643	float	_FFT_UL3[0]	V	
645	float	_FFT_UL3[1]	V	
647	float	_FFT_UL3[2]	V	
649	float	_FFT_UL3[3]	V	
651	float	_FFT_UL3[4]	V	
653	float	_FFT_UL3[5]	V	
655	float	_FFT_UL3[6]	V	
657	float	_FFT_UL3[7]	V	
659	float	_FFT_UL3[8]	V	
661	float	_FFT_UL3[9]	V	
663	float	_FFT_UL3[10]	V	
665	float	_FFT_UL3[11]	V	
667	float	_FFT_UL3[12]	V	
669	float	_FFT_UL3[13]	V	
671	float	_FFT_UL3[14]	V	
673	float	_FFT_UL3[15]	V	
675	float	_FFT_UL3[16]	V	
677	float	_FFT_UL3[17]	V	
679	float	_FFT_UL3[18]	V	
681	float	_FFT_UL3[19]	V	
683	float	_FFT_UL3[20]	V	
685	float	_FFT_UL3[21]	V	
687	float	_FFT_UL3[22]	V	
689	float	_FFT_UL3[23]	V	
691	float	_FFT_UL3[24]	V	
693	float	_FFT_UL3[25]	V	
695	float	_FFT_UL3[26]	V	
697	float	_FFT_UL3[27]	V	
699	float	_FFT_UL3[28]	V	
701	float	_FFT_UL3[29]	V	
703	float	_FFT_UL3[30]	V	
705	float	_FFT_UL3[31]	V	
707	float	_FFT_UL3[32]	V	

Adress	Format	Designation	Unit	Note
709	float	_FFT_UL3[33]	V	
711	float	_FFT_UL3[34]	V	
713	float	_FFT_UL3[35]	V	
715	float	_FFT_UL3[36]	V	
717	float	_FFT_UL3[37]	V	
719	float	_FFT_UL3[38]	V	
721	float	_FFT_UL3[39]	V	
723	float	_FFT_UL3[40]	V	
725	float	_FFT_UL3[41]	V	
727	float	_FFT_UL3[42]	V	
729	float	_FFT_UL3[43]	V	
731	float	_FFT_UL3[44]	V	
733	float	_FFT_UL3[45]	V	
735	float	_FFT_UL3[46]	V	
737	float	_FFT_UL3[47]	V	
739	float	_FFT_UL3[48]	V	
741	float	_FFT_UL3[49]	V	
743	float	_FFT_UL3[50]	V	
745	float	_FFT_UL3[51]	V	
747	float	_FFT_UL3[52]	V	
749	float	_FFT_UL3[53]	V	
751	float	_FFT_UL3[54]	V	
753	float	_FFT_UL3[55]	V	
755	float	_FFT_UL3[56]	V	
757	float	_FFT_UL3[57]	V	
759	float	_FFT_UL3[58]	V	
761	float	_FFT_UL3[59]	V	
763	float	_FFT_UL3[60]	V	
765	float	_FFT_UL3[61]	V	
767	float	_FFT_UL3[62]	V	
769	float	_FFT_UL4[0]	V	
771	float	_FFT_UL4[1]	V	
773	float	_FFT_UL4[2]	V	
775	float	_FFT_UL4[3]	V	
777	float	_FFT_UL4[4]	V	
779	float	_FFT_UL4[5]	V	
781	float	_FFT_UL4[6]	V	
783	float	_FFT_UL4[7]	V	
785	float	_FFT_UL4[8]	V	
787	float	_FFT_UL4[9]	V	
789	float	_FFT_UL4[10]	V	
791	float	_FFT_UL4[11]	V	
793	float	_FFT_UL4[12]	V	
795	float	_FFT_UL4[13]	V	
797	float	_FFT_UL4[14]	V	
799	float	_FFT_UL4[15]	V	
801	float	_FFT_UL4[16]	V	
803	float	_FFT_UL4[17]	V	
805	float	_FFT_UL4[18]	V	
807	float	_FFT_UL4[19]	V	
809	float	_FFT_UL4[20]	V	
811	float	_FFT_UL4[21]	V	
813	float	_FFT_UL4[22]	V	
815	float	_FFT_UL4[23]	V	
817	float	_FFT_UL4[24]	V	
819	float	_FFT_UL4[25]	V	
821	float	_FFT_UL4[26]	V	
823	float	_FFT_UL4[27]	V	

Adress	Format	Designation	Unit	Note
825	float	_FFT_UL4[28]	V	
827	float	_FFT_UL4[29]	V	
829	float	_FFT_UL4[30]	V	
831	float	_FFT_UL4[31]	V	
833	float	_FFT_UL4[32]	V	
835	float	_FFT_UL4[33]	V	
837	float	_FFT_UL4[34]	V	
839	float	_FFT_UL4[35]	V	
841	float	_FFT_UL4[36]	V	
843	float	_FFT_UL4[37]	V	
845	float	_FFT_UL4[38]	V	
847	float	_FFT_UL4[39]	V	
849	float	_FFT_UL4[40]	V	
851	float	_FFT_UL4[41]	V	
853	float	_FFT_UL4[42]	V	
855	float	_FFT_UL4[43]	V	
857	float	_FFT_UL4[44]	V	
859	float	_FFT_UL4[45]	V	
861	float	_FFT_UL4[46]	V	
863	float	_FFT_UL4[47]	V	
865	float	_FFT_UL4[48]	V	
867	float	_FFT_UL4[49]	V	
869	float	_FFT_UL4[50]	V	
871	float	_FFT_UL4[51]	V	
873	float	_FFT_UL4[52]	V	
875	float	_FFT_UL4[53]	V	
877	float	_FFT_UL4[54]	V	
879	float	_FFT_UL4[55]	V	
881	float	_FFT_UL4[56]	V	
883	float	_FFT_UL4[57]	V	
885	float	_FFT_UL4[58]	V	
887	float	_FFT_UL4[59]	V	
889	float	_FFT_UL4[60]	V	
891	float	_FFT_UL4[61]	V	
893	float	_FFT_UL4[62]	V	
895	float	_FFT_IL1[0]	A	
897	float	_FFT_IL1[1]	A	
899	float	_FFT_IL1[2]	A	
901	float	_FFT_IL1[3]	A	
903	float	_FFT_IL1[4]	A	
905	float	_FFT_IL1[5]	A	
907	float	_FFT_IL1[6]	A	
909	float	_FFT_IL1[7]	A	
911	float	_FFT_IL1[8]	A	
913	float	_FFT_IL1[9]	A	
915	float	_FFT_IL1[10]	A	
917	float	_FFT_IL1[11]	A	
919	float	_FFT_IL1[12]	A	
921	float	_FFT_IL1[13]	A	
923	float	_FFT_IL1[14]	A	
925	float	_FFT_IL1[15]	A	
927	float	_FFT_IL1[16]	A	
929	float	_FFT_IL1[17]	A	
931	float	_FFT_IL1[18]	A	
933	float	_FFT_IL1[19]	A	
935	float	_FFT_IL1[20]	A	
937	float	_FFT_IL1[21]	A	
939	float	_FFT_IL1[22]	A	

Adress	Format	Designation	Unit	Note
941	float	_FFT_IL1[23]	A	
943	float	_FFT_IL1[24]	A	
945	float	_FFT_IL1[25]	A	
947	float	_FFT_IL1[26]	A	
949	float	_FFT_IL1[27]	A	
951	float	_FFT_IL1[28]	A	
953	float	_FFT_IL1[29]	A	
955	float	_FFT_IL1[30]	A	
957	float	_FFT_IL1[31]	A	
959	float	_FFT_IL1[32]	A	
961	float	_FFT_IL1[33]	A	
963	float	_FFT_IL1[34]	A	
965	float	_FFT_IL1[35]	A	
967	float	_FFT_IL1[36]	A	
969	float	_FFT_IL1[37]	A	
971	float	_FFT_IL1[38]	A	
973	float	_FFT_IL1[39]	A	
975	float	_FFT_IL1[40]	A	
977	float	_FFT_IL1[41]	A	
979	float	_FFT_IL1[42]	A	
981	float	_FFT_IL1[43]	A	
983	float	_FFT_IL1[44]	A	
985	float	_FFT_IL1[45]	A	
987	float	_FFT_IL1[46]	A	
989	float	_FFT_IL1[47]	A	
991	float	_FFT_IL1[48]	A	
993	float	_FFT_IL1[49]	A	
995	float	_FFT_IL1[50]	A	
997	float	_FFT_IL1[51]	A	
999	float	_FFT_IL1[52]	A	
1001	float	_FFT_IL1[53]	A	
1003	float	_FFT_IL1[54]	A	
1005	float	_FFT_IL1[55]	A	
1007	float	_FFT_IL1[56]	A	
1009	float	_FFT_IL1[57]	A	
1011	float	_FFT_IL1[58]	A	
1013	float	_FFT_IL1[59]	A	
1015	float	_FFT_IL1[60]	A	
1017	float	_FFT_IL1[61]	A	
1019	float	_FFT_IL1[62]	A	
1021	float	_FFT_IL2[0]	A	
1023	float	_FFT_IL2[1]	A	
1025	float	_FFT_IL2[2]	A	
1027	float	_FFT_IL2[3]	A	
1029	float	_FFT_IL2[4]	A	
1031	float	_FFT_IL2[5]	A	
1033	float	_FFT_IL2[6]	A	
1035	float	_FFT_IL2[7]	A	
1037	float	_FFT_IL2[8]	A	
1039	float	_FFT_IL2[9]	A	
1041	float	_FFT_IL2[10]	A	
1043	float	_FFT_IL2[11]	A	
1045	float	_FFT_IL2[12]	A	
1047	float	_FFT_IL2[13]	A	
1049	float	_FFT_IL2[14]	A	
1051	float	_FFT_IL2[15]	A	
1053	float	_FFT_IL2[16]	A	
1055	float	_FFT_IL2[17]	A	

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

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

Adress	Format	Designation	Unit	Note
1289	float	_FFT_IL4[8]	A	
1291	float	_FFT_IL4[9]	A	
1293	float	_FFT_IL4[10]	A	
1295	float	_FFT_IL4[11]	A	
1297	float	_FFT_IL4[12]	A	
1299	float	_FFT_IL4[13]	A	
1301	float	_FFT_IL4[14]	A	
1303	float	_FFT_IL4[15]	A	
1305	float	_FFT_IL4[16]	A	
1307	float	_FFT_IL4[17]	A	
1309	float	_FFT_IL4[18]	A	
1311	float	_FFT_IL4[19]	A	
1313	float	_FFT_IL4[20]	A	
1315	float	_FFT_IL4[21]	A	
1317	float	_FFT_IL4[22]	A	
1319	float	_FFT_IL4[23]	A	
1321	float	_FFT_IL4[24]	A	
1323	float	_FFT_IL4[25]	A	
1325	float	_FFT_IL4[26]	A	
1327	float	_FFT_IL4[27]	A	
1329	float	_FFT_IL4[28]	A	
1331	float	_FFT_IL4[29]	A	
1333	float	_FFT_IL4[30]	A	
1335	float	_FFT_IL4[31]	A	
1337	float	_FFT_IL4[32]	A	
1339	float	_FFT_IL4[33]	A	
1341	float	_FFT_IL4[34]	A	
1343	float	_FFT_IL4[35]	A	
1345	float	_FFT_IL4[36]	A	
1347	float	_FFT_IL4[37]	A	
1349	float	_FFT_IL4[38]	A	
1351	float	_FFT_IL4[39]	A	
1353	float	_FFT_IL4[40]	A	
1355	float	_FFT_IL4[41]	A	
1357	float	_FFT_IL4[42]	A	
1359	float	_FFT_IL4[43]	A	
1361	float	_FFT_IL4[44]	A	
1363	float	_FFT_IL4[45]	A	
1365	float	_FFT_IL4[46]	A	
1367	float	_FFT_IL4[47]	A	
1369	float	_FFT_IL4[48]	A	
1371	float	_FFT_IL4[49]	A	
1373	float	_FFT_IL4[50]	A	
1375	float	_FFT_IL4[51]	A	
1377	float	_FFT_IL4[52]	A	
1379	float	_FFT_IL4[53]	A	
1381	float	_FFT_IL4[54]	A	
1383	float	_FFT_IL4[55]	A	
1385	float	_FFT_IL4[56]	A	
1387	float	_FFT_IL4[57]	A	
1389	float	_FFT_IL4[58]	A	
1391	float	_FFT_IL4[59]	A	
1393	float	_FFT_IL4[60]	A	
1395	float	_FFT_IL4[61]	A	
1397	float	_FFT_IL4[62]	A	
1399	float	_FFT_PL1[0]	W	
1401	float	_FFT_PL1[1]	W	
1403	float	_FFT_PL1[2]	W	

Adress	Format	Designation	Unit	Note
1405	float	_FFT_PL1[3]	W	
1407	float	_FFT_PL1[4]	W	
1409	float	_FFT_PL1[5]	W	
1411	float	_FFT_PL1[6]	W	
1413	float	_FFT_PL1[7]	W	
1415	float	_FFT_PL1[8]	W	
1417	float	_FFT_PL1[9]	W	
1419	float	_FFT_PL1[10]	W	
1421	float	_FFT_PL1[11]	W	
1423	float	_FFT_PL1[12]	W	
1425	float	_FFT_PL1[13]	W	
1427	float	_FFT_PL1[14]	W	
1429	float	_FFT_PL1[15]	W	
1431	float	_FFT_PL1[16]	W	
1433	float	_FFT_PL1[17]	W	
1435	float	_FFT_PL1[18]	W	
1437	float	_FFT_PL1[19]	W	
1439	float	_FFT_PL1[20]	W	
1441	float	_FFT_PL1[21]	W	
1443	float	_FFT_PL1[22]	W	
1445	float	_FFT_PL1[23]	W	
1447	float	_FFT_PL1[24]	W	
1449	float	_FFT_PL1[25]	W	
1451	float	_FFT_PL1[26]	W	
1453	float	_FFT_PL1[27]	W	
1455	float	_FFT_PL1[28]	W	
1457	float	_FFT_PL1[29]	W	
1459	float	_FFT_PL1[30]	W	
1461	float	_FFT_PL1[31]	W	
1463	float	_FFT_PL1[32]	W	
1465	float	_FFT_PL1[33]	W	
1467	float	_FFT_PL1[34]	W	
1469	float	_FFT_PL1[35]	W	
1471	float	_FFT_PL1[36]	W	
1473	float	_FFT_PL1[37]	W	
1475	float	_FFT_PL1[38]	W	
1477	float	_FFT_PL1[39]	W	
1479	float	_FFT_PL1[40]	W	
1481	float	_FFT_PL1[41]	W	
1483	float	_FFT_PL1[42]	W	
1485	float	_FFT_PL1[43]	W	
1487	float	_FFT_PL1[44]	W	
1489	float	_FFT_PL1[45]	W	
1491	float	_FFT_PL1[46]	W	
1493	float	_FFT_PL1[47]	W	
1495	float	_FFT_PL1[48]	W	
1497	float	_FFT_PL1[49]	W	
1499	float	_FFT_PL1[50]	W	
1501	float	_FFT_PL1[51]	W	
1503	float	_FFT_PL1[52]	W	
1505	float	_FFT_PL1[53]	W	
1507	float	_FFT_PL1[54]	W	
1509	float	_FFT_PL1[55]	W	
1511	float	_FFT_PL1[56]	W	
1513	float	_FFT_PL1[57]	W	
1515	float	_FFT_PL1[58]	W	
1517	float	_FFT_PL1[59]	W	
1519	float	_FFT_PL1[60]	W	

Adress	Format	Designation	Unit	Note
1521	float	_FFT_PL1[61]	W	
1523	float	_FFT_PL1[62]	W	
1525	float	_FFT_PL2[0]	W	
1527	float	_FFT_PL2[1]	W	
1529	float	_FFT_PL2[2]	W	
1531	float	_FFT_PL2[3]	W	
1533	float	_FFT_PL2[4]	W	
1535	float	_FFT_PL2[5]	W	
1537	float	_FFT_PL2[6]	W	
1539	float	_FFT_PL2[7]	W	
1541	float	_FFT_PL2[8]	W	
1543	float	_FFT_PL2[9]	W	
1545	float	_FFT_PL2[10]	W	
1547	float	_FFT_PL2[11]	W	
1549	float	_FFT_PL2[12]	W	
1551	float	_FFT_PL2[13]	W	
1553	float	_FFT_PL2[14]	W	
1555	float	_FFT_PL2[15]	W	
1557	float	_FFT_PL2[16]	W	
1559	float	_FFT_PL2[17]	W	
1561	float	_FFT_PL2[18]	W	
1563	float	_FFT_PL2[19]	W	
1565	float	_FFT_PL2[20]	W	
1567	float	_FFT_PL2[21]	W	
1569	float	_FFT_PL2[22]	W	
1571	float	_FFT_PL2[23]	W	
1573	float	_FFT_PL2[24]	W	
1575	float	_FFT_PL2[25]	W	
1577	float	_FFT_PL2[26]	W	
1579	float	_FFT_PL2[27]	W	
1581	float	_FFT_PL2[28]	W	
1583	float	_FFT_PL2[29]	W	
1585	float	_FFT_PL2[30]	W	
1587	float	_FFT_PL2[31]	W	
1589	float	_FFT_PL2[32]	W	
1591	float	_FFT_PL2[33]	W	
1593	float	_FFT_PL2[34]	W	
1595	float	_FFT_PL2[35]	W	
1597	float	_FFT_PL2[36]	W	
1599	float	_FFT_PL2[37]	W	
1601	float	_FFT_PL2[38]	W	
1603	float	_FFT_PL2[39]	W	
1605	float	_FFT_PL2[40]	W	
1607	float	_FFT_PL2[41]	W	
1609	float	_FFT_PL2[42]	W	
1611	float	_FFT_PL2[43]	W	
1613	float	_FFT_PL2[44]	W	
1615	float	_FFT_PL2[45]	W	
1617	float	_FFT_PL2[46]	W	
1619	float	_FFT_PL2[47]	W	
1621	float	_FFT_PL2[48]	W	
1623	float	_FFT_PL2[49]	W	
1625	float	_FFT_PL2[50]	W	
1627	float	_FFT_PL2[51]	W	
1629	float	_FFT_PL2[52]	W	
1631	float	_FFT_PL2[53]	W	
1633	float	_FFT_PL2[54]	W	
1635	float	_FFT_PL2[55]	W	

Adress	Format	Designation	Unit	Note
1637	float	_FFT_PL2[56]	W	
1639	float	_FFT_PL2[57]	W	
1641	float	_FFT_PL2[58]	W	
1643	float	_FFT_PL2[59]	W	
1645	float	_FFT_PL2[60]	W	
1647	float	_FFT_PL2[61]	W	
1649	float	_FFT_PL2[62]	W	
1651	float	_FFT_PL3[0]	W	
1653	float	_FFT_PL3[1]	W	
1655	float	_FFT_PL3[2]	W	
1657	float	_FFT_PL3[3]	W	
1659	float	_FFT_PL3[4]	W	
1661	float	_FFT_PL3[5]	W	
1663	float	_FFT_PL3[6]	W	
1665	float	_FFT_PL3[7]	W	
1667	float	_FFT_PL3[8]	W	
1669	float	_FFT_PL3[9]	W	
1671	float	_FFT_PL3[10]	W	
1673	float	_FFT_PL3[11]	W	
1675	float	_FFT_PL3[12]	W	
1677	float	_FFT_PL3[13]	W	
1679	float	_FFT_PL3[14]	W	
1681	float	_FFT_PL3[15]	W	
1683	float	_FFT_PL3[16]	W	
1685	float	_FFT_PL3[17]	W	
1687	float	_FFT_PL3[18]	W	
1689	float	_FFT_PL3[19]	W	
1691	float	_FFT_PL3[20]	W	
1693	float	_FFT_PL3[21]	W	
1695	float	_FFT_PL3[22]	W	
1697	float	_FFT_PL3[23]	W	
1699	float	_FFT_PL3[24]	W	
1701	float	_FFT_PL3[25]	W	
1703	float	_FFT_PL3[26]	W	
1705	float	_FFT_PL3[27]	W	
1707	float	_FFT_PL3[28]	W	
1709	float	_FFT_PL3[29]	W	
1711	float	_FFT_PL3[30]	W	
1713	float	_FFT_PL3[31]	W	
1715	float	_FFT_PL3[32]	W	
1717	float	_FFT_PL3[33]	W	
1719	float	_FFT_PL3[34]	W	
1721	float	_FFT_PL3[35]	W	
1723	float	_FFT_PL3[36]	W	
1725	float	_FFT_PL3[37]	W	
1727	float	_FFT_PL3[38]	W	
1729	float	_FFT_PL3[39]	W	
1731	float	_FFT_PL3[40]	W	
1733	float	_FFT_PL3[41]	W	
1735	float	_FFT_PL3[42]	W	
1737	float	_FFT_PL3[43]	W	
1739	float	_FFT_PL3[44]	W	
1741	float	_FFT_PL3[45]	W	
1743	float	_FFT_PL3[46]	W	
1745	float	_FFT_PL3[47]	W	
1747	float	_FFT_PL3[48]	W	
1749	float	_FFT_PL3[49]	W	
1751	float	_FFT_PL3[50]	W	

Adress	Format	Designation	Unit	Note
1753	float	_FFT_PL3[51]	W	
1755	float	_FFT_PL3[52]	W	
1757	float	_FFT_PL3[53]	W	
1759	float	_FFT_PL3[54]	W	
1761	float	_FFT_PL3[55]	W	
1763	float	_FFT_PL3[56]	W	
1765	float	_FFT_PL3[57]	W	
1767	float	_FFT_PL3[58]	W	
1769	float	_FFT_PL3[59]	W	
1771	float	_FFT_PL3[60]	W	
1773	float	_FFT_PL3[61]	W	
1775	float	_FFT_PL3[62]	W	
1777	float	_FFT_PL4[0]	W	
1779	float	_FFT_PL4[1]	W	
1781	float	_FFT_PL4[2]	W	
1783	float	_FFT_PL4[3]	W	
1785	float	_FFT_PL4[4]	W	
1787	float	_FFT_PL4[5]	W	
1789	float	_FFT_PL4[6]	W	
1791	float	_FFT_PL4[7]	W	
1793	float	_FFT_PL4[8]	W	
1795	float	_FFT_PL4[9]	W	
1797	float	_FFT_PL4[10]	W	
1799	float	_FFT_PL4[11]	W	
1801	float	_FFT_PL4[12]	W	
1803	float	_FFT_PL4[13]	W	
1805	float	_FFT_PL4[14]	W	
1807	float	_FFT_PL4[15]	W	
1809	float	_FFT_PL4[16]	W	
1811	float	_FFT_PL4[17]	W	
1813	float	_FFT_PL4[18]	W	
1815	float	_FFT_PL4[19]	W	
1817	float	_FFT_PL4[20]	W	
1819	float	_FFT_PL4[21]	W	
1821	float	_FFT_PL4[22]	W	
1823	float	_FFT_PL4[23]	W	
1825	float	_FFT_PL4[24]	W	
1827	float	_FFT_PL4[25]	W	
1829	float	_FFT_PL4[26]	W	
1831	float	_FFT_PL4[27]	W	
1833	float	_FFT_PL4[28]	W	
1835	float	_FFT_PL4[29]	W	
1837	float	_FFT_PL4[30]	W	
1839	float	_FFT_PL4[31]	W	
1841	float	_FFT_PL4[32]	W	
1843	float	_FFT_PL4[33]	W	
1845	float	_FFT_PL4[34]	W	
1847	float	_FFT_PL4[35]	W	
1849	float	_FFT_PL4[36]	W	
1851	float	_FFT_PL4[37]	W	
1853	float	_FFT_PL4[38]	W	
1855	float	_FFT_PL4[39]	W	
1857	float	_FFT_PL4[40]	W	
1859	float	_FFT_PL4[41]	W	
1861	float	_FFT_PL4[42]	W	
1863	float	_FFT_PL4[43]	W	
1865	float	_FFT_PL4[44]	W	
1867	float	_FFT_PL4[45]	W	

Adress	Format	Designation	Unit	Note
1869	float	_FFT_PL4[46]	W	
1871	float	_FFT_PL4[47]	W	
1873	float	_FFT_PL4[48]	W	
1875	float	_FFT_PL4[49]	W	
1877	float	_FFT_PL4[50]	W	
1879	float	_FFT_PL4[51]	W	
1881	float	_FFT_PL4[52]	W	
1883	float	_FFT_PL4[53]	W	
1885	float	_FFT_PL4[54]	W	
1887	float	_FFT_PL4[55]	W	
1889	float	_FFT_PL4[56]	W	
1891	float	_FFT_PL4[57]	W	
1893	float	_FFT_PL4[58]	W	
1895	float	_FFT_PL4[59]	W	
1897	float	_FFT_PL4[60]	W	
1899	float	_FFT_PL4[61]	W	
1901	float	_FFT_PL4[62]	W	
1903	float	_FFT_QL1[0]	var	
1905	float	_FFT_QL1[1]	var	
1907	float	_FFT_QL1[2]	var	
1909	float	_FFT_QL1[3]	var	
1911	float	_FFT_QL1[4]	var	
1913	float	_FFT_QL1[5]	var	
1915	float	_FFT_QL1[6]	var	
1917	float	_FFT_QL1[7]	var	
1919	float	_FFT_QL1[8]	var	
1921	float	_FFT_QL1[9]	var	
1923	float	_FFT_QL1[10]	var	
1925	float	_FFT_QL1[11]	var	
1927	float	_FFT_QL1[12]	var	
1929	float	_FFT_QL1[13]	var	
1931	float	_FFT_QL1[14]	var	
1933	float	_FFT_QL1[15]	var	
1935	float	_FFT_QL1[16]	var	
1937	float	_FFT_QL1[17]	var	
1939	float	_FFT_QL1[18]	var	
1941	float	_FFT_QL1[19]	var	
1943	float	_FFT_QL1[20]	var	
1945	float	_FFT_QL1[21]	var	
1947	float	_FFT_QL1[22]	var	
1949	float	_FFT_QL1[23]	var	
1951	float	_FFT_QL1[24]	var	
1953	float	_FFT_QL1[25]	var	
1955	float	_FFT_QL1[26]	var	
1957	float	_FFT_QL1[27]	var	
1959	float	_FFT_QL1[28]	var	
1961	float	_FFT_QL1[29]	var	
1963	float	_FFT_QL1[30]	var	
1965	float	_FFT_QL1[31]	var	
1967	float	_FFT_QL1[32]	var	
1969	float	_FFT_QL1[33]	var	
1971	float	_FFT_QL1[34]	var	
1973	float	_FFT_QL1[35]	var	
1975	float	_FFT_QL1[36]	var	
1977	float	_FFT_QL1[37]	var	
1979	float	_FFT_QL1[38]	var	
1981	float	_FFT_QL1[39]	var	
1983	float	_FFT_QL1[40]	var	

Adress	Format	Designation	Unit	Note
1985	float	_FFT_QL1[41]	var	
1987	float	_FFT_QL1[42]	var	
1989	float	_FFT_QL1[43]	var	
1991	float	_FFT_QL1[44]	var	
1993	float	_FFT_QL1[45]	var	
1995	float	_FFT_QL1[46]	var	
1997	float	_FFT_QL1[47]	var	
1999	float	_FFT_QL1[48]	var	
2001	float	_FFT_QL1[49]	var	
2003	float	_FFT_QL1[50]	var	
2005	float	_FFT_QL1[51]	var	
2007	float	_FFT_QL1[52]	var	
2009	float	_FFT_QL1[53]	var	
2011	float	_FFT_QL1[54]	var	
2013	float	_FFT_QL1[55]	var	
2015	float	_FFT_QL1[56]	var	
2017	float	_FFT_QL1[57]	var	
2019	float	_FFT_QL1[58]	var	
2021	float	_FFT_QL1[59]	var	
2023	float	_FFT_QL1[60]	var	
2025	float	_FFT_QL1[61]	var	
2027	float	_FFT_QL1[62]	var	
2029	float	_FFT_QL2[0]	var	
2031	float	_FFT_QL2[1]	var	
2033	float	_FFT_QL2[2]	var	
2035	float	_FFT_QL2[3]	var	
2037	float	_FFT_QL2[4]	var	
2039	float	_FFT_QL2[5]	var	
2041	float	_FFT_QL2[6]	var	
2043	float	_FFT_QL2[7]	var	
2045	float	_FFT_QL2[8]	var	
2047	float	_FFT_QL2[9]	var	
2049	float	_FFT_QL2[10]	var	
2051	float	_FFT_QL2[11]	var	
2053	float	_FFT_QL2[12]	var	
2055	float	_FFT_QL2[13]	var	
2057	float	_FFT_QL2[14]	var	
2059	float	_FFT_QL2[15]	var	
2061	float	_FFT_QL2[16]	var	
2063	float	_FFT_QL2[17]	var	
2065	float	_FFT_QL2[18]	var	
2067	float	_FFT_QL2[19]	var	
2069	float	_FFT_QL2[20]	var	
2071	float	_FFT_QL2[21]	var	
2073	float	_FFT_QL2[22]	var	
2075	float	_FFT_QL2[23]	var	
2077	float	_FFT_QL2[24]	var	
2079	float	_FFT_QL2[25]	var	
2081	float	_FFT_QL2[26]	var	
2083	float	_FFT_QL2[27]	var	
2085	float	_FFT_QL2[28]	var	
2087	float	_FFT_QL2[29]	var	
2089	float	_FFT_QL2[30]	var	
2091	float	_FFT_QL2[31]	var	
2093	float	_FFT_QL2[32]	var	
2095	float	_FFT_QL2[33]	var	
2097	float	_FFT_QL2[34]	var	
2099	float	_FFT_QL2[35]	var	

Adress	Format	Designation	Unit	Note
2101	float	_FFT_QL2[36]	var	
2103	float	_FFT_QL2[37]	var	
2105	float	_FFT_QL2[38]	var	
2107	float	_FFT_QL2[39]	var	
2109	float	_FFT_QL2[40]	var	
2111	float	_FFT_QL2[41]	var	
2113	float	_FFT_QL2[42]	var	
2115	float	_FFT_QL2[43]	var	
2117	float	_FFT_QL2[44]	var	
2119	float	_FFT_QL2[45]	var	
2121	float	_FFT_QL2[46]	var	
2123	float	_FFT_QL2[47]	var	
2125	float	_FFT_QL2[48]	var	
2127	float	_FFT_QL2[49]	var	
2129	float	_FFT_QL2[50]	var	
2131	float	_FFT_QL2[51]	var	
2133	float	_FFT_QL2[52]	var	
2135	float	_FFT_QL2[53]	var	
2137	float	_FFT_QL2[54]	var	
2139	float	_FFT_QL2[55]	var	
2141	float	_FFT_QL2[56]	var	
2143	float	_FFT_QL2[57]	var	
2145	float	_FFT_QL2[58]	var	
2147	float	_FFT_QL2[59]	var	
2149	float	_FFT_QL2[60]	var	
2151	float	_FFT_QL2[61]	var	
2153	float	_FFT_QL2[62]	var	
2155	float	_FFT_QL3[0]	var	
2157	float	_FFT_QL3[1]	var	
2159	float	_FFT_QL3[2]	var	
2161	float	_FFT_QL3[3]	var	
2163	float	_FFT_QL3[4]	var	
2165	float	_FFT_QL3[5]	var	
2167	float	_FFT_QL3[6]	var	
2169	float	_FFT_QL3[7]	var	
2171	float	_FFT_QL3[8]	var	
2173	float	_FFT_QL3[9]	var	
2175	float	_FFT_QL3[10]	var	
2177	float	_FFT_QL3[11]	var	
2179	float	_FFT_QL3[12]	var	
2181	float	_FFT_QL3[13]	var	
2183	float	_FFT_QL3[14]	var	
2185	float	_FFT_QL3[15]	var	
2187	float	_FFT_QL3[16]	var	
2189	float	_FFT_QL3[17]	var	
2191	float	_FFT_QL3[18]	var	
2193	float	_FFT_QL3[19]	var	
2195	float	_FFT_QL3[20]	var	
2197	float	_FFT_QL3[21]	var	
2199	float	_FFT_QL3[22]	var	
2201	float	_FFT_QL3[23]	var	
2203	float	_FFT_QL3[24]	var	
2205	float	_FFT_QL3[25]	var	
2207	float	_FFT_QL3[26]	var	
2209	float	_FFT_QL3[27]	var	
2211	float	_FFT_QL3[28]	var	
2213	float	_FFT_QL3[29]	var	
2215	float	_FFT_QL3[30]	var	

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

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

Adress	Format	Designation	Unit	Note
2449	float	_FFT_ULLZ1[21]	V	
2451	float	_FFT_ULLZ1[22]	V	
2453	float	_FFT_ULLZ1[23]	V	
2455	float	_FFT_ULLZ1[24]	V	
2457	float	_FFT_ULLZ1[25]	V	
2459	float	_FFT_ULLZ1[26]	V	
2461	float	_FFT_ULLZ1[27]	V	
2463	float	_FFT_ULLZ1[28]	V	
2465	float	_FFT_ULLZ1[29]	V	
2467	float	_FFT_ULLZ1[30]	V	
2469	float	_FFT_ULLZ1[31]	V	
2471	float	_FFT_ULLZ1[32]	V	
2473	float	_FFT_ULLZ1[33]	V	
2475	float	_FFT_ULLZ1[34]	V	
2477	float	_FFT_ULLZ1[35]	V	
2479	float	_FFT_ULLZ1[36]	V	
2481	float	_FFT_ULLZ1[37]	V	
2483	float	_FFT_ULLZ1[38]	V	
2485	float	_FFT_ULLZ1[39]	V	
2487	float	_FFT_ULLZ1[40]	V	
2489	float	_FFT_ULLZ1[41]	V	
2491	float	_FFT_ULLZ1[42]	V	
2493	float	_FFT_ULLZ1[43]	V	
2495	float	_FFT_ULLZ1[44]	V	
2497	float	_FFT_ULLZ1[45]	V	
2499	float	_FFT_ULLZ1[46]	V	
2501	float	_FFT_ULLZ1[47]	V	
2503	float	_FFT_ULLZ1[48]	V	
2505	float	_FFT_ULLZ1[49]	V	
2507	float	_FFT_ULLZ1[50]	V	
2509	float	_FFT_ULLZ1[51]	V	
2511	float	_FFT_ULLZ1[52]	V	
2513	float	_FFT_ULLZ1[53]	V	
2515	float	_FFT_ULLZ1[54]	V	
2517	float	_FFT_ULLZ1[55]	V	
2519	float	_FFT_ULLZ1[56]	V	
2521	float	_FFT_ULLZ1[57]	V	
2523	float	_FFT_ULLZ1[58]	V	
2525	float	_FFT_ULLZ1[59]	V	
2527	float	_FFT_ULLZ1[60]	V	
2529	float	_FFT_ULLZ1[61]	V	
2531	float	_FFT_ULLZ1[62]	V	
2533	float	_FFT_ULLZ2[0]	V	
2535	float	_FFT_ULLZ2[1]	V	
2537	float	_FFT_ULLZ2[2]	V	
2539	float	_FFT_ULLZ2[3]	V	
2541	float	_FFT_ULLZ2[4]	V	
2543	float	_FFT_ULLZ2[5]	V	
2545	float	_FFT_ULLZ2[6]	V	
2547	float	_FFT_ULLZ2[7]	V	
2549	float	_FFT_ULLZ2[8]	V	
2551	float	_FFT_ULLZ2[9]	V	
2553	float	_FFT_ULLZ2[10]	V	
2555	float	_FFT_ULLZ2[11]	V	
2557	float	_FFT_ULLZ2[12]	V	
2559	float	_FFT_ULLZ2[13]	V	
2561	float	_FFT_ULLZ2[14]	V	
2563	float	_FFT_ULLZ2[15]	V	

Adress	Format	Designation	Unit	Note
2565	float	_FFT_ULLZ2[16]	V	
2567	float	_FFT_ULLZ2[17]	V	
2569	float	_FFT_ULLZ2[18]	V	
2571	float	_FFT_ULLZ2[19]	V	
2573	float	_FFT_ULLZ2[20]	V	
2575	float	_FFT_ULLZ2[21]	V	
2577	float	_FFT_ULLZ2[22]	V	
2579	float	_FFT_ULLZ2[23]	V	
2581	float	_FFT_ULLZ2[24]	V	
2583	float	_FFT_ULLZ2[25]	V	
2585	float	_FFT_ULLZ2[26]	V	
2587	float	_FFT_ULLZ2[27]	V	
2589	float	_FFT_ULLZ2[28]	V	
2591	float	_FFT_ULLZ2[29]	V	
2593	float	_FFT_ULLZ2[30]	V	
2595	float	_FFT_ULLZ2[31]	V	
2597	float	_FFT_ULLZ2[32]	V	
2599	float	_FFT_ULLZ2[33]	V	
2601	float	_FFT_ULLZ2[34]	V	
2603	float	_FFT_ULLZ2[35]	V	
2605	float	_FFT_ULLZ2[36]	V	
2607	float	_FFT_ULLZ2[37]	V	
2609	float	_FFT_ULLZ2[38]	V	
2611	float	_FFT_ULLZ2[39]	V	
2613	float	_FFT_ULLZ2[40]	V	
2615	float	_FFT_ULLZ2[41]	V	
2617	float	_FFT_ULLZ2[42]	V	
2619	float	_FFT_ULLZ2[43]	V	
2621	float	_FFT_ULLZ2[44]	V	
2623	float	_FFT_ULLZ2[45]	V	
2625	float	_FFT_ULLZ2[46]	V	
2627	float	_FFT_ULLZ2[47]	V	
2629	float	_FFT_ULLZ2[48]	V	
2631	float	_FFT_ULLZ2[49]	V	
2633	float	_FFT_ULLZ2[50]	V	
2635	float	_FFT_ULLZ2[51]	V	
2637	float	_FFT_ULLZ2[52]	V	
2639	float	_FFT_ULLZ2[53]	V	
2641	float	_FFT_ULLZ2[54]	V	
2643	float	_FFT_ULLZ2[55]	V	
2645	float	_FFT_ULLZ2[56]	V	
2647	float	_FFT_ULLZ2[57]	V	
2649	float	_FFT_ULLZ2[58]	V	
2651	float	_FFT_ULLZ2[59]	V	
2653	float	_FFT_ULLZ2[60]	V	
2655	float	_FFT_ULLZ2[61]	V	
2657	float	_FFT_ULLZ2[62]	V	
2659	float	_FFT_ULLZ3[0]	V	
2661	float	_FFT_ULLZ3[1]	V	
2663	float	_FFT_ULLZ3[2]	V	
2665	float	_FFT_ULLZ3[3]	V	
2667	float	_FFT_ULLZ3[4]	V	
2669	float	_FFT_ULLZ3[5]	V	
2671	float	_FFT_ULLZ3[6]	V	
2673	float	_FFT_ULLZ3[7]	V	
2675	float	_FFT_ULLZ3[8]	V	
2677	float	_FFT_ULLZ3[9]	V	
2679	float	_FFT_ULLZ3[10]	V	

Adress	Format	Designation	Unit	Note
2681	float	_FFT_ULLZ3[11]	V	
2683	float	_FFT_ULLZ3[12]	V	
2685	float	_FFT_ULLZ3[13]	V	
2687	float	_FFT_ULLZ3[14]	V	
2689	float	_FFT_ULLZ3[15]	V	
2691	float	_FFT_ULLZ3[16]	V	
2693	float	_FFT_ULLZ3[17]	V	
2695	float	_FFT_ULLZ3[18]	V	
2697	float	_FFT_ULLZ3[19]	V	
2699	float	_FFT_ULLZ3[20]	V	
2701	float	_FFT_ULLZ3[21]	V	
2703	float	_FFT_ULLZ3[22]	V	
2705	float	_FFT_ULLZ3[23]	V	
2707	float	_FFT_ULLZ3[24]	V	
2709	float	_FFT_ULLZ3[25]	V	
2711	float	_FFT_ULLZ3[26]	V	
2713	float	_FFT_ULLZ3[27]	V	
2715	float	_FFT_ULLZ3[28]	V	
2717	float	_FFT_ULLZ3[29]	V	
2719	float	_FFT_ULLZ3[30]	V	
2721	float	_FFT_ULLZ3[31]	V	
2723	float	_FFT_ULLZ3[32]	V	
2725	float	_FFT_ULLZ3[33]	V	
2727	float	_FFT_ULLZ3[34]	V	
2729	float	_FFT_ULLZ3[35]	V	
2731	float	_FFT_ULLZ3[36]	V	
2733	float	_FFT_ULLZ3[37]	V	
2735	float	_FFT_ULLZ3[38]	V	
2737	float	_FFT_ULLZ3[39]	V	
2739	float	_FFT_ULLZ3[40]	V	
2741	float	_FFT_ULLZ3[41]	V	
2743	float	_FFT_ULLZ3[42]	V	
2745	float	_FFT_ULLZ3[43]	V	
2747	float	_FFT_ULLZ3[44]	V	
2749	float	_FFT_ULLZ3[45]	V	
2751	float	_FFT_ULLZ3[46]	V	
2753	float	_FFT_ULLZ3[47]	V	
2755	float	_FFT_ULLZ3[48]	V	
2757	float	_FFT_ULLZ3[49]	V	
2759	float	_FFT_ULLZ3[50]	V	
2761	float	_FFT_ULLZ3[51]	V	
2763	float	_FFT_ULLZ3[52]	V	
2765	float	_FFT_ULLZ3[53]	V	
2767	float	_FFT_ULLZ3[54]	V	
2769	float	_FFT_ULLZ3[55]	V	
2771	float	_FFT_ULLZ3[56]	V	
2773	float	_FFT_ULLZ3[57]	V	
2775	float	_FFT_ULLZ3[58]	V	
2777	float	_FFT_ULLZ3[59]	V	
2779	float	_FFT_ULLZ3[60]	V	
2781	float	_FFT_ULLZ3[61]	V	
2783	float	_FFT_ULLZ3[62]	V	
2785	float	_FFT_ULZ1[0]	V	
2787	float	_FFT_ULZ1[1]	V	
2789	float	_FFT_ULZ1[2]	V	
2791	float	_FFT_ULZ1[3]	V	
2793	float	_FFT_ULZ1[4]	V	
2795	float	_FFT_ULZ1[5]	V	

Adress	Format	Designation	Unit	Note
2797	float	_FFT_ULZ1[6]	V	
2799	float	_FFT_ULZ1[7]	V	
2801	float	_FFT_ULZ1[8]	V	
2803	float	_FFT_ULZ1[9]	V	
2805	float	_FFT_ULZ1[10]	V	
2807	float	_FFT_ULZ1[11]	V	
2809	float	_FFT_ULZ1[12]	V	
2811	float	_FFT_ULZ1[13]	V	
2813	float	_FFT_ULZ1[14]	V	
2815	float	_FFT_ULZ1[15]	V	
2817	float	_FFT_ULZ1[16]	V	
2819	float	_FFT_ULZ1[17]	V	
2821	float	_FFT_ULZ1[18]	V	
2823	float	_FFT_ULZ1[19]	V	
2825	float	_FFT_ULZ1[20]	V	
2827	float	_FFT_ULZ1[21]	V	
2829	float	_FFT_ULZ1[22]	V	
2831	float	_FFT_ULZ1[23]	V	
2833	float	_FFT_ULZ1[24]	V	
2835	float	_FFT_ULZ1[25]	V	
2837	float	_FFT_ULZ1[26]	V	
2839	float	_FFT_ULZ1[27]	V	
2841	float	_FFT_ULZ1[28]	V	
2843	float	_FFT_ULZ1[29]	V	
2845	float	_FFT_ULZ1[30]	V	
2847	float	_FFT_ULZ1[31]	V	
2849	float	_FFT_ULZ1[32]	V	
2851	float	_FFT_ULZ1[33]	V	
2853	float	_FFT_ULZ1[34]	V	
2855	float	_FFT_ULZ1[35]	V	
2857	float	_FFT_ULZ1[36]	V	
2859	float	_FFT_ULZ1[37]	V	
2861	float	_FFT_ULZ1[38]	V	
2863	float	_FFT_ULZ1[39]	V	
2865	float	_FFT_ULZ1[40]	V	
2867	float	_FFT_ULZ1[41]	V	
2869	float	_FFT_ULZ1[42]	V	
2871	float	_FFT_ULZ1[43]	V	
2873	float	_FFT_ULZ1[44]	V	
2875	float	_FFT_ULZ1[45]	V	
2877	float	_FFT_ULZ1[46]	V	
2879	float	_FFT_ULZ1[47]	V	
2881	float	_FFT_ULZ1[48]	V	
2883	float	_FFT_ULZ1[49]	V	
2885	float	_FFT_ULZ1[50]	V	
2887	float	_FFT_ULZ1[51]	V	
2889	float	_FFT_ULZ1[52]	V	
2891	float	_FFT_ULZ1[53]	V	
2893	float	_FFT_ULZ1[54]	V	
2895	float	_FFT_ULZ1[55]	V	
2897	float	_FFT_ULZ1[56]	V	
2899	float	_FFT_ULZ1[57]	V	
2901	float	_FFT_ULZ1[58]	V	
2903	float	_FFT_ULZ1[59]	V	
2905	float	_FFT_ULZ1[60]	V	
2907	float	_FFT_ULZ1[61]	V	
2909	float	_FFT_ULZ1[62]	V	
2911	float	_FFT_ULZ2[0]	V	

Adress	Format	Designation	Unit	Note
2913	float	_FFT_ULZ2[1]	V	
2915	float	_FFT_ULZ2[2]	V	
2917	float	_FFT_ULZ2[3]	V	
2919	float	_FFT_ULZ2[4]	V	
2921	float	_FFT_ULZ2[5]	V	
2923	float	_FFT_ULZ2[6]	V	
2925	float	_FFT_ULZ2[7]	V	
2927	float	_FFT_ULZ2[8]	V	
2929	float	_FFT_ULZ2[9]	V	
2931	float	_FFT_ULZ2[10]	V	
2933	float	_FFT_ULZ2[11]	V	
2935	float	_FFT_ULZ2[12]	V	
2937	float	_FFT_ULZ2[13]	V	
2939	float	_FFT_ULZ2[14]	V	
2941	float	_FFT_ULZ2[15]	V	
2943	float	_FFT_ULZ2[16]	V	
2945	float	_FFT_ULZ2[17]	V	
2947	float	_FFT_ULZ2[18]	V	
2949	float	_FFT_ULZ2[19]	V	
2951	float	_FFT_ULZ2[20]	V	
2953	float	_FFT_ULZ2[21]	V	
2955	float	_FFT_ULZ2[22]	V	
2957	float	_FFT_ULZ2[23]	V	
2959	float	_FFT_ULZ2[24]	V	
2961	float	_FFT_ULZ2[25]	V	
2963	float	_FFT_ULZ2[26]	V	
2965	float	_FFT_ULZ2[27]	V	
2967	float	_FFT_ULZ2[28]	V	
2969	float	_FFT_ULZ2[29]	V	
2971	float	_FFT_ULZ2[30]	V	
2973	float	_FFT_ULZ2[31]	V	
2975	float	_FFT_ULZ2[32]	V	
2977	float	_FFT_ULZ2[33]	V	
2979	float	_FFT_ULZ2[34]	V	
2981	float	_FFT_ULZ2[35]	V	
2983	float	_FFT_ULZ2[36]	V	
2985	float	_FFT_ULZ2[37]	V	
2987	float	_FFT_ULZ2[38]	V	
2989	float	_FFT_ULZ2[39]	V	
2991	float	_FFT_ULZ2[40]	V	
2993	float	_FFT_ULZ2[41]	V	
2995	float	_FFT_ULZ2[42]	V	
2997	float	_FFT_ULZ2[43]	V	
2999	float	_FFT_ULZ2[44]	V	
3001	float	_FFT_ULZ2[45]	V	
3003	float	_FFT_ULZ2[46]	V	
3005	float	_FFT_ULZ2[47]	V	
3007	float	_FFT_ULZ2[48]	V	
3009	float	_FFT_ULZ2[49]	V	
3011	float	_FFT_ULZ2[50]	V	
3013	float	_FFT_ULZ2[51]	V	
3015	float	_FFT_ULZ2[52]	V	
3017	float	_FFT_ULZ2[53]	V	
3019	float	_FFT_ULZ2[54]	V	
3021	float	_FFT_ULZ2[55]	V	
3023	float	_FFT_ULZ2[56]	V	
3025	float	_FFT_ULZ2[57]	V	
3027	float	_FFT_ULZ2[58]	V	

Adress	Format	Designation	Unit	Note
3029	float	_FFT_ULZ2[59]	V	
3031	float	_FFT_ULZ2[60]	V	
3033	float	_FFT_ULZ2[61]	V	
3035	float	_FFT_ULZ2[62]	V	
3037	float	_FFT_ULZ3[0]	V	
3039	float	_FFT_ULZ3[1]	V	
3041	float	_FFT_ULZ3[2]	V	
3043	float	_FFT_ULZ3[3]	V	
3045	float	_FFT_ULZ3[4]	V	
3047	float	_FFT_ULZ3[5]	V	
3049	float	_FFT_ULZ3[6]	V	
3051	float	_FFT_ULZ3[7]	V	
3053	float	_FFT_ULZ3[8]	V	
3055	float	_FFT_ULZ3[9]	V	
3057	float	_FFT_ULZ3[10]	V	
3059	float	_FFT_ULZ3[11]	V	
3061	float	_FFT_ULZ3[12]	V	
3063	float	_FFT_ULZ3[13]	V	
3065	float	_FFT_ULZ3[14]	V	
3067	float	_FFT_ULZ3[15]	V	
3069	float	_FFT_ULZ3[16]	V	
3071	float	_FFT_ULZ3[17]	V	
3073	float	_FFT_ULZ3[18]	V	
3075	float	_FFT_ULZ3[19]	V	
3077	float	_FFT_ULZ3[20]	V	
3079	float	_FFT_ULZ3[21]	V	
3081	float	_FFT_ULZ3[22]	V	
3083	float	_FFT_ULZ3[23]	V	
3085	float	_FFT_ULZ3[24]	V	
3087	float	_FFT_ULZ3[25]	V	
3089	float	_FFT_ULZ3[26]	V	
3091	float	_FFT_ULZ3[27]	V	
3093	float	_FFT_ULZ3[28]	V	
3095	float	_FFT_ULZ3[29]	V	
3097	float	_FFT_ULZ3[30]	V	
3099	float	_FFT_ULZ3[31]	V	
3101	float	_FFT_ULZ3[32]	V	
3103	float	_FFT_ULZ3[33]	V	
3105	float	_FFT_ULZ3[34]	V	
3107	float	_FFT_ULZ3[35]	V	
3109	float	_FFT_ULZ3[36]	V	
3111	float	_FFT_ULZ3[37]	V	
3113	float	_FFT_ULZ3[38]	V	
3115	float	_FFT_ULZ3[39]	V	
3117	float	_FFT_ULZ3[40]	V	
3119	float	_FFT_ULZ3[41]	V	
3121	float	_FFT_ULZ3[42]	V	
3123	float	_FFT_ULZ3[43]	V	
3125	float	_FFT_ULZ3[44]	V	
3127	float	_FFT_ULZ3[45]	V	
3129	float	_FFT_ULZ3[46]	V	
3131	float	_FFT_ULZ3[47]	V	
3133	float	_FFT_ULZ3[48]	V	
3135	float	_FFT_ULZ3[49]	V	
3137	float	_FFT_ULZ3[50]	V	
3139	float	_FFT_ULZ3[51]	V	
3141	float	_FFT_ULZ3[52]	V	
3143	float	_FFT_ULZ3[53]	V	

Adress	Format	Designation	Unit	Note
3145	float	_FFT_ULZ3[54]	V	
3147	float	_FFT_ULZ3[55]	V	
3149	float	_FFT_ULZ3[56]	V	
3151	float	_FFT_ULZ3[57]	V	
3153	float	_FFT_ULZ3[58]	V	
3155	float	_FFT_ULZ3[59]	V	
3157	float	_FFT_ULZ3[60]	V	
3159	float	_FFT_ULZ3[61]	V	
3161	float	_FFT_ULZ3[62]	V	
3163	float	_FFT_ULZ4[0]	V	
3165	float	_FFT_ULZ4[1]	V	
3167	float	_FFT_ULZ4[2]	V	
3169	float	_FFT_ULZ4[3]	V	
3171	float	_FFT_ULZ4[4]	V	
3173	float	_FFT_ULZ4[5]	V	
3175	float	_FFT_ULZ4[6]	V	
3177	float	_FFT_ULZ4[7]	V	
3179	float	_FFT_ULZ4[8]	V	
3181	float	_FFT_ULZ4[9]	V	
3183	float	_FFT_ULZ4[10]	V	
3185	float	_FFT_ULZ4[11]	V	
3187	float	_FFT_ULZ4[12]	V	
3189	float	_FFT_ULZ4[13]	V	
3191	float	_FFT_ULZ4[14]	V	
3193	float	_FFT_ULZ4[15]	V	
3195	float	_FFT_ULZ4[16]	V	
3197	float	_FFT_ULZ4[17]	V	
3199	float	_FFT_ULZ4[18]	V	
3201	float	_FFT_ULZ4[19]	V	
3203	float	_FFT_ULZ4[20]	V	
3205	float	_FFT_ULZ4[21]	V	
3207	float	_FFT_ULZ4[22]	V	
3209	float	_FFT_ULZ4[23]	V	
3211	float	_FFT_ULZ4[24]	V	
3213	float	_FFT_ULZ4[25]	V	
3215	float	_FFT_ULZ4[26]	V	
3217	float	_FFT_ULZ4[27]	V	
3219	float	_FFT_ULZ4[28]	V	
3221	float	_FFT_ULZ4[29]	V	
3223	float	_FFT_ULZ4[30]	V	
3225	float	_FFT_ULZ4[31]	V	
3227	float	_FFT_ULZ4[32]	V	
3229	float	_FFT_ULZ4[33]	V	
3231	float	_FFT_ULZ4[34]	V	
3233	float	_FFT_ULZ4[35]	V	
3235	float	_FFT_ULZ4[36]	V	
3237	float	_FFT_ULZ4[37]	V	
3239	float	_FFT_ULZ4[38]	V	
3241	float	_FFT_ULZ4[39]	V	
3243	float	_FFT_ULZ4[40]	V	
3245	float	_FFT_ULZ4[41]	V	
3247	float	_FFT_ULZ4[42]	V	
3249	float	_FFT_ULZ4[43]	V	
3251	float	_FFT_ULZ4[44]	V	
3253	float	_FFT_ULZ4[45]	V	
3255	float	_FFT_ULZ4[46]	V	
3257	float	_FFT_ULZ4[47]	V	
3259	float	_FFT_ULZ4[48]	V	

Adress	Format	Designation	Unit	Note
3261	float	_FFT_ULZ4[49]	V	
3263	float	_FFT_ULZ4[50]	V	
3265	float	_FFT_ULZ4[51]	V	
3267	float	_FFT_ULZ4[52]	V	
3269	float	_FFT_ULZ4[53]	V	
3271	float	_FFT_ULZ4[54]	V	
3273	float	_FFT_ULZ4[55]	V	
3275	float	_FFT_ULZ4[56]	V	
3277	float	_FFT_ULZ4[57]	V	
3279	float	_FFT_ULZ4[58]	V	
3281	float	_FFT_ULZ4[59]	V	
3283	float	_FFT_ULZ4[60]	V	
3285	float	_FFT_ULZ4[61]	V	
3287	float	_FFT_ULZ4[62]	V	
3289	float	_FFT_ILZ1[0]	A	
3291	float	_FFT_ILZ1[1]	A	
3293	float	_FFT_ILZ1[2]	A	
3295	float	_FFT_ILZ1[3]	A	
3297	float	_FFT_ILZ1[4]	A	
3299	float	_FFT_ILZ1[5]	A	
3301	float	_FFT_ILZ1[6]	A	
3303	float	_FFT_ILZ1[7]	A	
3305	float	_FFT_ILZ1[8]	A	
3307	float	_FFT_ILZ1[9]	A	
3309	float	_FFT_ILZ1[10]	A	
3311	float	_FFT_ILZ1[11]	A	
3313	float	_FFT_ILZ1[12]	A	
3315	float	_FFT_ILZ1[13]	A	
3317	float	_FFT_ILZ1[14]	A	
3319	float	_FFT_ILZ1[15]	A	
3321	float	_FFT_ILZ1[16]	A	
3323	float	_FFT_ILZ1[17]	A	
3325	float	_FFT_ILZ1[18]	A	
3327	float	_FFT_ILZ1[19]	A	
3329	float	_FFT_ILZ1[20]	A	
3331	float	_FFT_ILZ1[21]	A	
3333	float	_FFT_ILZ1[22]	A	
3335	float	_FFT_ILZ1[23]	A	
3337	float	_FFT_ILZ1[24]	A	
3339	float	_FFT_ILZ1[25]	A	
3341	float	_FFT_ILZ1[26]	A	
3343	float	_FFT_ILZ1[27]	A	
3345	float	_FFT_ILZ1[28]	A	
3347	float	_FFT_ILZ1[29]	A	
3349	float	_FFT_ILZ1[30]	A	
3351	float	_FFT_ILZ1[31]	A	
3353	float	_FFT_ILZ1[32]	A	
3355	float	_FFT_ILZ1[33]	A	
3357	float	_FFT_ILZ1[34]	A	
3359	float	_FFT_ILZ1[35]	A	
3361	float	_FFT_ILZ1[36]	A	
3363	float	_FFT_ILZ1[37]	A	
3365	float	_FFT_ILZ1[38]	A	
3367	float	_FFT_ILZ1[39]	A	
3369	float	_FFT_ILZ1[40]	A	
3371	float	_FFT_ILZ1[41]	A	
3373	float	_FFT_ILZ1[42]	A	
3375	float	_FFT_ILZ1[43]	A	

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

Adress	Format	Designation	Unit	Note
3493	float	_FFT_ILZ2[39]	A	
3495	float	_FFT_ILZ2[40]	A	
3497	float	_FFT_ILZ2[41]	A	
3499	float	_FFT_ILZ2[42]	A	
3501	float	_FFT_ILZ2[43]	A	
3503	float	_FFT_ILZ2[44]	A	
3505	float	_FFT_ILZ2[45]	A	
3507	float	_FFT_ILZ2[46]	A	
3509	float	_FFT_ILZ2[47]	A	
3511	float	_FFT_ILZ2[48]	A	
3513	float	_FFT_ILZ2[49]	A	
3515	float	_FFT_ILZ2[50]	A	
3517	float	_FFT_ILZ2[51]	A	
3519	float	_FFT_ILZ2[52]	A	
3521	float	_FFT_ILZ2[53]	A	
3523	float	_FFT_ILZ2[54]	A	
3525	float	_FFT_ILZ2[55]	A	
3527	float	_FFT_ILZ2[56]	A	
3529	float	_FFT_ILZ2[57]	A	
3531	float	_FFT_ILZ2[58]	A	
3533	float	_FFT_ILZ2[59]	A	
3535	float	_FFT_ILZ2[60]	A	
3537	float	_FFT_ILZ2[61]	A	
3539	float	_FFT_ILZ2[62]	A	
3541	float	_FFT_ILZ3[0]	A	
3543	float	_FFT_ILZ3[1]	A	
3545	float	_FFT_ILZ3[2]	A	
3547	float	_FFT_ILZ3[3]	A	
3549	float	_FFT_ILZ3[4]	A	
3551	float	_FFT_ILZ3[5]	A	
3553	float	_FFT_ILZ3[6]	A	
3555	float	_FFT_ILZ3[7]	A	
3557	float	_FFT_ILZ3[8]	A	
3559	float	_FFT_ILZ3[9]	A	
3561	float	_FFT_ILZ3[10]	A	
3563	float	_FFT_ILZ3[11]	A	
3565	float	_FFT_ILZ3[12]	A	
3567	float	_FFT_ILZ3[13]	A	
3569	float	_FFT_ILZ3[14]	A	
3571	float	_FFT_ILZ3[15]	A	
3573	float	_FFT_ILZ3[16]	A	
3575	float	_FFT_ILZ3[17]	A	
3577	float	_FFT_ILZ3[18]	A	
3579	float	_FFT_ILZ3[19]	A	
3581	float	_FFT_ILZ3[20]	A	
3583	float	_FFT_ILZ3[21]	A	
3585	float	_FFT_ILZ3[22]	A	
3587	float	_FFT_ILZ3[23]	A	
3589	float	_FFT_ILZ3[24]	A	
3591	float	_FFT_ILZ3[25]	A	
3593	float	_FFT_ILZ3[26]	A	
3595	float	_FFT_ILZ3[27]	A	
3597	float	_FFT_ILZ3[28]	A	
3599	float	_FFT_ILZ3[29]	A	
3601	float	_FFT_ILZ3[30]	A	
3603	float	_FFT_ILZ3[31]	A	
3605	float	_FFT_ILZ3[32]	A	
3607	float	_FFT_ILZ3[33]	A	

Adress	Format	Designation	Unit	Note
3609	float	_FFT_ILZ3[34]	A	
3611	float	_FFT_ILZ3[35]	A	
3613	float	_FFT_ILZ3[36]	A	
3615	float	_FFT_ILZ3[37]	A	
3617	float	_FFT_ILZ3[38]	A	
3619	float	_FFT_ILZ3[39]	A	
3621	float	_FFT_ILZ3[40]	A	
3623	float	_FFT_ILZ3[41]	A	
3625	float	_FFT_ILZ3[42]	A	
3627	float	_FFT_ILZ3[43]	A	
3629	float	_FFT_ILZ3[44]	A	
3631	float	_FFT_ILZ3[45]	A	
3633	float	_FFT_ILZ3[46]	A	
3635	float	_FFT_ILZ3[47]	A	
3637	float	_FFT_ILZ3[48]	A	
3639	float	_FFT_ILZ3[49]	A	
3641	float	_FFT_ILZ3[50]	A	
3643	float	_FFT_ILZ3[51]	A	
3645	float	_FFT_ILZ3[52]	A	
3647	float	_FFT_ILZ3[53]	A	
3649	float	_FFT_ILZ3[54]	A	
3651	float	_FFT_ILZ3[55]	A	
3653	float	_FFT_ILZ3[56]	A	
3655	float	_FFT_ILZ3[57]	A	
3657	float	_FFT_ILZ3[58]	A	
3659	float	_FFT_ILZ3[59]	A	
3661	float	_FFT_ILZ3[60]	A	
3663	float	_FFT_ILZ3[61]	A	
3665	float	_FFT_ILZ3[62]	A	
3667	float	_FFT_ILZ4[0]	A	
3669	float	_FFT_ILZ4[1]	A	
3671	float	_FFT_ILZ4[2]	A	
3673	float	_FFT_ILZ4[3]	A	
3675	float	_FFT_ILZ4[4]	A	
3677	float	_FFT_ILZ4[5]	A	
3679	float	_FFT_ILZ4[6]	A	
3681	float	_FFT_ILZ4[7]	A	
3683	float	_FFT_ILZ4[8]	A	
3685	float	_FFT_ILZ4[9]	A	
3687	float	_FFT_ILZ4[10]	A	
3689	float	_FFT_ILZ4[11]	A	
3691	float	_FFT_ILZ4[12]	A	
3693	float	_FFT_ILZ4[13]	A	
3695	float	_FFT_ILZ4[14]	A	
3697	float	_FFT_ILZ4[15]	A	
3699	float	_FFT_ILZ4[16]	A	
3701	float	_FFT_ILZ4[17]	A	
3703	float	_FFT_ILZ4[18]	A	
3705	float	_FFT_ILZ4[19]	A	
3707	float	_FFT_ILZ4[20]	A	
3709	float	_FFT_ILZ4[21]	A	
3711	float	_FFT_ILZ4[22]	A	
3713	float	_FFT_ILZ4[23]	A	
3715	float	_FFT_ILZ4[24]	A	
3717	float	_FFT_ILZ4[25]	A	
3719	float	_FFT_ILZ4[26]	A	
3721	float	_FFT_ILZ4[27]	A	
3723	float	_FFT_ILZ4[28]	A	

Adress	Format	Designation	Unit	Note
3725	float	_FFT_ILZ4[29]	A	
3727	float	_FFT_ILZ4[30]	A	
3729	float	_FFT_ILZ4[31]	A	
3731	float	_FFT_ILZ4[32]	A	
3733	float	_FFT_ILZ4[33]	A	
3735	float	_FFT_ILZ4[34]	A	
3737	float	_FFT_ILZ4[35]	A	
3739	float	_FFT_ILZ4[36]	A	
3741	float	_FFT_ILZ4[37]	A	
3743	float	_FFT_ILZ4[38]	A	
3745	float	_FFT_ILZ4[39]	A	
3747	float	_FFT_ILZ4[40]	A	
3749	float	_FFT_ILZ4[41]	A	
3751	float	_FFT_ILZ4[42]	A	
3753	float	_FFT_ILZ4[43]	A	
3755	float	_FFT_ILZ4[44]	A	
3757	float	_FFT_ILZ4[45]	A	
3759	float	_FFT_ILZ4[46]	A	
3761	float	_FFT_ILZ4[47]	A	
3763	float	_FFT_ILZ4[48]	A	
3765	float	_FFT_ILZ4[49]	A	
3767	float	_FFT_ILZ4[50]	A	
3769	float	_FFT_ILZ4[51]	A	
3771	float	_FFT_ILZ4[52]	A	
3773	float	_FFT_ILZ4[53]	A	
3775	float	_FFT_ILZ4[54]	A	
3777	float	_FFT_ILZ4[55]	A	
3779	float	_FFT_ILZ4[56]	A	
3781	float	_FFT_ILZ4[57]	A	
3783	float	_FFT_ILZ4[58]	A	
3785	float	_FFT_ILZ4[59]	A	
3787	float	_FFT_ILZ4[60]	A	
3789	float	_FFT_ILZ4[61]	A	
3791	float	_FFT_ILZ4[62]	A	