

DIN Rail Measuring Device

UMG 103-CBM

Firmware version 2.0 and higher

Modbus-address list and
formulary



Content

| | |
|--|-----------|
| General | 3 |
| Modbus | 4 |
| Modbus functions (Slave) | 4 |
| Transfer parameters | 5 |
| Byte sequence | 5 |
| Update rate | 5 |
| Number formats | 5 |
| Symbols and definitions | 5 |
| Explanations of the measured values | 6 |
| Address list | 12 |

General

Copyright

This handbook is subject to the legal regulations of the copyright laws and may not be fully or partially photocopied, reprinted or reproduced mechanically or electronically and may not be copied or published in any other way without the legal, written permission of

Janitza electronics GmbH
Vor dem Polstück 6
D35633 Lahnau
Germany

Protected trademarks

All trademarks and the resulting rights belong to the respective owners of these rights.

Disclaimer

Janitza electronics GmbH does not accept any responsibility for errors or faults within this handbook and does not accept any obligation to keep the contents of this handbook updated.

Comments on the handbook

We welcome your comments. If anything appears to be unclear in this handbook, please let us know and send us an E-MAIL to: info@janitza.de

Converter Ratios

CT VT = The current converter or voltage converter ratio is not included in this value.

Modbus

Modbus Functions (Slave)

As a slave, the UMG103-CBM 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 4XXX registers, and then return the contents of another group of 4XXX registers. Broadcast is not supported.

Transfer parameters

The UMG 103-CBM supports the following transfer parameters:

| | |
|-------------------------|--|
| Baud rate | : 9600, 19200, 38400, 57600 and 11500 Baud |
| Data bits | : 8 |
| Parity | : none |
| Stop bits (UMG 103-CBM) | : 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 ($0 \leq k < N$) |
| 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 an effective value which is formed over a period (measuring window) of 200 ms.
- A measuring window is 10 periods in the 50 Hz network and 12 periods in the 60 Hz network.
- A measuring window has a start time and an end time.
- The resolution between the start time and end time is approximately 2 ns.
- The accuracy of the start time and end time depends on the accuracy of the internal clock.
(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 200 ms.
- You can take the possible averaging times from the table.

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

Max. value of measured value

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

Min. value of measured value

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

Max. value of mean value

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

Nominal current, voltage, frequency

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

Nominal current I_{rated}

- The I_{rated} is the nominal current of the transformers and is required for calculation of the K-factor.

Peak value negative

- Höchster negativer Abtastwert aus dem letzten 200 ms Messfenster.

Peak value positive

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

Crest factor

- The crest factor describes the relation between the peak value and effective value of a periodic quantity. It serves as a characteristic value for general description of the curve form of a periodic quantity. The distortion factor is another example of a quantity for characterization of the difference from the pure sinusoidal form.

- Example

*A sinusoidal change voltage with an effective value of 230 V has a peak value of approx. 325 V.
The crest factor is then $325 \text{ V} / 230 \text{ V} = 1.414$.*

Effective value of the current for phase conductor p

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

Effective value of neutral conductor current

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

Effective voltage L-N

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

Effective voltage L-L

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

Star connection voltage (vectorial)

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

Real power for phase conductor

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

Apparent power for phase conductor

- Unsigned

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

Total apparent power (arithmetic) S_A

- Unsigned

$$S_A = S_1 + S_2 + S_3$$

Order number of harmonics

xxx[0] = mains frequency (50 Hz/60 Hz)
 xxx[1] = 2nd harmonic (100 Hz/120 Hz)
 xxx[2] = 3rd harmonic (150 Hz/180 Hz)
 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 (UMG 604, UMG 508, UMG 509, UMG 96RM)
- M = 50 (UMG 605, UMG 511, UMG 512)
- fund corresponds to n=1

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

Distortion factor THD (I) for the current

- M = 40 (UMG 604, UMG 508, UMG 509, UMG 96RM)
- M = 50 (UMG 605, UMG 511, UMG 512)
- fund corresponds to n=1

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

ZHD

- THD for the interharmonics.
- Is calculated in the product series and UMG 511, UMG 512, UMG 605.

Interharmonics

- Sinusoidal oscillations, which frequencies are not a multiple integer of the main frequency.
- Are calculated in the product series and UMG 511, UMG 512, UMG 605.
- Calculation and measurement methods in accordance with the IEC 61000-4-30.
- The order number of interharmonics corresponds to the order number of the next smaller harmonic. For example, between the 3rd and 4th harmonic of the 3rd interharmonics.

TDD (I)

- TDD Total demand distortion, harmonic current distortion in % of maximum demand load current
- IL = IL= Maximum demand load current
- M = 40 (UMG 604, UMG 508, UMG 509, UMG 96RM)
- M = 50 (UMG 605, UMG 511, UMG 512)

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

Ripple control signal U (EN61000-4-30)

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

Ripple control signal I

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

Positive sequence-negative sequence-zero sequence

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

Positive sequence

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

Negative sequence

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

Zero sequence

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

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

Voltage imbalance

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

Under difference U (EN 61000-4-30)

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

Under difference I

$$I_{under} = \frac{I_{Nominal\ current} - \sqrt{\frac{\sum_{j=1}^n I_{rms-under,j}^2}{n}}}{I_{Nominal\ current}}$$

K-factor

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

Power Factor (vectorial) - Lambda

- The power factor is unsigned.

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

$x = L1, L2, L3, L4$

Cos(φ) - Fundamental Power Factor

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

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

Cos(φ) total

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

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

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

Phase Angle φ

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

Mains frequency 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 φ in the range $0^\circ \dots 180^\circ$ (inductive)
- Sign $Q = -1$ for φ in the range $180^\circ \dots 360^\circ$ (capacitive)

$$\text{Sign } Q(\varphi_p) = +1 \text{ if } \varphi_p \in [0^\circ - 180^\circ]$$

$$\text{Sign } Q(\varphi_p) = -1 \text{ if } \varphi_p \in [180^\circ - 360^\circ]$$

Reactive power for phase conductor p

- Reactive power of the mains frequency.

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

Total reactive power

- Reactive power of the mains frequency.

$$Q_V = Q_1 + Q_2 + Q_3$$

Distortion power factor

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

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

- The apparent power „S” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- The effective power „P” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- M = 40 (UMG 96-PA)
- M = 50 (UMG 605, UMG 605-PRO, UMG 511, UMG 512-PRO)

Reactive energy per phase

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

Reactive energy per phase, inductive

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

Reactive energy per phase, capacitive

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

Reactive energy, sum L1-L3

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

Reactive energy, sum L1-L3, inductive

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

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

Reactive energy, sum L1-L3, capacitive

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

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

Address List

Frequently required readings

| Address | Type | RD/WR | Designation | Unit | Remark |
|---------|-------|-------|-----------------|------|--|
| 19000 | float | RD | _ULN[0] | V | Voltage L1-N |
| 19002 | float | RD | _ULN[1] | V | Voltage L2-N |
| 19004 | float | RD | _ULN[2] | V | Voltage L3-N |
| 19006 | float | RD | _ULL[0] | V | Voltage L1-L2 |
| 19008 | float | RD | _ULL[1] | V | Voltage L2-L3 |
| 19010 | float | RD | _ULL[2] | V | Voltage L3-L1 |
| 19012 | float | RD | _ILN[0] | A | Apparent current, L1 |
| 19014 | float | RD | _ILN[1] | A | Apparent current, L2 |
| 19016 | float | RD | _ILN[2] | A | Apparent current, L3 |
| 19018 | float | RD | _I_SUM3 | A | Vector sum; IN=I1+I2+I3 |
| 19020 | float | RD | _PLN[0] | W | Real power L1 |
| 19022 | float | RD | _PLN[1] | W | Real power L2 |
| 19024 | float | RD | _PLN[2] | W | Real power L3 |
| 19026 | float | RD | _P_SUM3 | W | Sum; Psum3=P1+P2+P3 |
| 19028 | float | RD | _SLN[0] | VA | Apparent power L1 |
| 19030 | float | RD | _SLN[1] | VA | Apparent power L2 |
| 19032 | float | RD | _SLN[2] | VA | Apparent power L3 |
| 19034 | float | RD | _S_SUM3 | VA | Sum; Ssum3=S1+S2+S3 |
| 19036 | float | RD | _QLN[0] | var | Reactive power (mains frequ.) L1 |
| 19038 | float | RD | _QLN[1] | var | Reactive power (mains frequ.) L2 |
| 19040 | float | RD | _QLN[2] | var | Reactive power (mains frequ.) L3 |
| 19042 | float | RD | _Q_SUM3 | var | Sum; Qsum3=Q1+Q2+Q3 |
| 19044 | float | RD | _COS_PHI[0] | | Fund.power factor, CosPhi; UL1 IL1 |
| 19046 | float | RD | _COS_PHI[1] | | Fund.power factor, CosPhi; UL2 IL2 |
| 19048 | float | RD | _COS_PHI[2] | | Fund.power factor, CosPhi; UL3 IL3 |
| 19050 | float | RD | _FREQ | Hz | Measured frequency |
| 19052 | float | RD | _PHASE_SEQ | | Rotation field; 1=right, 0=none, -1=left |
| 19054* | float | RD | _WH_V[0] | Wh | Real energy L1, consumed |
| 19056* | float | RD | _WH_V[1] | Wh | Real energy L2, consumed |
| 19058* | float | RD | _WH_V[2] | Wh | Real energy L3, consumed |
| 19060 | float | RD | _WH_V_HT_SUML13 | Wh | Real energy L1..L3 |
| 19062 | float | RD | _WH_V[0] | Wh | Real energy L1, consumed |
| 19064 | float | RD | _WH_V[1] | Wh | Real energy L2, consumed |
| 19066 | float | RD | _WH_V[2] | Wh | Real energy L3, consumed |
| 19068 | float | RD | _WH_V_HT_SUML13 | Wh | Real energy L1..L3, consumed, rate 1 |
| 19070 | float | RD | _WH_Z[0] | Wh | Real energy L1, delivered |
| 19072 | float | RD | _WH_Z[1] | Wh | Real energy L2, delivered |
| 19074 | float | RD | _WH_Z[2] | Wh | Real energy L3, delivered |
| 19076 | float | RD | _WH_Z_SUML13 | Wh | Real energy L1..L3, delivered |
| 19078 | float | RD | _WH_S[0] | VAh | Apparent energy L1 |
| 19080 | float | RD | _WH_S[1] | VAh | Apparent energy L2 |
| 19082 | float | RD | _WH_S[2] | VAh | Apparent energy L3 |
| 19084 | float | RD | _WH_S_SUML13 | VAh | Apparent energy L1..L3 |
| 19086* | float | RD | _IQH[0] | varh | Reactive energy, inductive, L1 |
| 19088* | float | RD | _IQH[1] | varh | Reactive energy, inductive, L2 |
| 19090* | float | RD | _IQH[2] | varh | Reactive energy, inductive, L3 |
| 19092 | float | RD | _IQH_SUML13 | varh | Reactive energy L1..L3 |
| 19094 | float | RD | _IQH[0] | varh | Reactive energy, inductive, L1 |
| 19096 | float | RD | _IQH[1] | varh | Reactive energy, inductive, L2 |
| 19098 | float | RD | _IQH[2] | varh | Reactive energy, inductive, L3 |
| 19100 | float | RD | _IQH_SUML13 | varh | Reactive energy L1..L3, ind. |

* The selected device addresses do not match with the standard device addresses of the UMG series.

| Address | Type | RD/WR | Designation | Unit | Remark |
|---------|-------|-------|-------------|------|---------------------------------|
| 19102 | float | RD | _CQH[0] | varh | Reactive energy, capacitive, L1 |
| 19104 | float | RD | _CQH[1] | varh | Reactive energy, capacitive, L2 |
| 19106 | float | RD | _CQH[2] | varh | Reactive energy, capacitive, L3 |
| 19108 | float | RD | _CQH_SUML13 | varh | Reactive energy L1..L3, cap. |
| 19110 | float | RD | _THD_ULN[0] | % | Harmonic, THD,U L1-N |
| 19112 | float | RD | _THD_ULN[1] | % | Harmonic, THD,U L2-N |
| 19114 | float | RD | _THD_ULN[2] | % | Harmonic, THD,U L3-N |
| 19116 | float | RD | _THD_ILN[0] | % | Harmonic, THD,I L1 |
| 19118 | float | RD | _THD_ILN[1] | % | Harmonic, THD,I L2 |
| 19120 | float | RD | _THD_ILN[2] | % | Harmonic, THD,I L3 |

| Address | Designation | Configuration Range | | Type | Default Setting |
|---------|-------------------------------|---------------------|-----------|-------|---|
| 8 | Delete MinMax-Value | 0 | 1 | CHAR | 0 |
| 9 | Delete_Work | 0 | 1 | CHAR | 0 |
| 13 * | Comparator 1A, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 15 | Comparator 1A, Measured Val. | 0 | 65535 | SHORT | |
| 16 | Comparator 1A, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 17 | Comparator 1A, Operator | 0 | 1 | CHAR | 0 |
| 18 * | Comparator 1B, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 20 | Comparator 1B, Measured Val. | 0 | 65535 | SHORT | |
| 21 | Comparator 1B, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 22 | Comparator 1B, Operator | 0 | 1 | CHAR | 0 |
| 23 * | Comparator 1C, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 25 | Comparator 1C, Measured Val. | 0 | 65535 | SHORT | |
| 26 | Comparator 1C, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 27 | Comparator 1C, Operator | 0 | 1 | CHAR | 0 |
| 28 * | Comparator 2A, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 30 | Comparator 2A, Measured Val. | 0 | 65535 | SHORT | |
| 31 | Comparator 2A, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 32 | Comparator 2A, Operator | 0 | 1 | CHAR | 0 |
| 33 * | Comparator 2B, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 35 | Comparator 2B, Measured Val. | 0 | 65535 | SHORT | |
| 36 | Comparator 2B, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 37 | Comparator 2B, Operator | 0 | 1 | CHAR | 0 |
| 38 * | Comparator 2C, Threshold Val. | -999999999 | 999999999 | LONG | 0 |
| 40 | Comparator 2C, Measured Val. | 0 | 65535 | SHORT | |
| 41 | Comparator 2C, Min. Duration | 1 | 900 | SHORT | 1 Sec. |
| 42 | Comparator 2C, Operator | 0 | 1 | CHAR | 0 |
| 43 | Output[0] link | 0 | 1 | CHAR | 0 |
| 44 | Output[0] invert | 0 | 1 | CHAR | 0 |
| 45 | Output[1] link | 0 | 1 | CHAR | 0 |
| 46 | Output[1] invert | 0 | 1 | CHAR | 0 |
| 57 | Averaging Time for all I | 0 | 8 | CHAR | |
| 58 | Averaging Time for all P | 0 | 8 | CHAR | 0 = 5 Sec. 1 = 10 Sec. 2 = 30 Sec. 3 = 60 Sec. 4 = 300 Sec. 5 = 480 Sec. 6 = 900 Sec. (default) 7 = 30 Min. 8 = 60 Min. |
| 63 | Frequency | 0 | 2 | CHAR | 0=Automatic (default) 1=50Hz 2=60Hz |
| 64 | Comparator 1A Lead Time | 1 | 900 | SHORT | 0 Sec.1 |
| 65 | Comparator 1B Lead Time | 1 | 900 | SHORT | 0 Sec. |
| 66 | Comparator 1C Lead Time | 1 | 900 | SHORT | 0 Sec. |
| 67 | Comparator 2A Lead Time | 1 | 900 | SHORT | 0 Sec. |
| 68 | Comparator 2B Lead Time | 1 | 900 | SHORT | 0 Sec. |
| 69 | Comparator 2C Lead Time | 1 | 900 | SHORT | 0 Sec. |

| Address | Designation | Configuration | Range | Type | Default Setting |
|---------|---|---------------|-----------|--------|--|
| 71 | HT/ switch real energy | 0 | 1 | SHORT | 0 |
| 72 | HT/NT switch reactive energy | 0 | 1 | SHORT | 0 |
| 73 | Averaging time for all U | 0 | 8 | CHAR | 0 = 5 Sec. 1 = 10 Sec. 2 = 30 Sec. 3 = 60 Sec. 4 = 300 Sec. 5 = 480 Sec. 6 = 900 Sec. (default) 7 = 30 Min. 8 = 60 Min |
| 74 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 76 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 78 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 80 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 82 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 84 | Comparator 1A Threshold Val. | -999999999 | 999999999 | Float | 0 |
| 600 | ct_prim | 0 | 10000 | SHORT | Primary Current Converter (in A) |
| 601 | ct_sec | 1 | 5 | SHORT | Secondary Current Converter (in A) |
| 602 | vt_prim | 100 | 60000 | USHORT | Primary Voltage Converter (in V) |
| 603 | vt_sec | 100 | 400 | SHORT | Secondary Voltage Converter (in V) |
| 800 | Write Operations in EEPROM Bit 1 = 1, write calibration data Bit 2 = 1, Write programming data Bit 4 = 1, Write counter Bit 8 = 1, Min-max values | | 1 | SHORT | |
| 860 | Calibration Password | | | SHORT | |
| 911 | Serial number | only read | | LONG | |
| 913 | Firmware-Release | only read | | SHORT | |
| 914 | Hardware-Expansion | only read | | SHORT | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|-------------------|----------------|-------|------|--------|
| 200 | Voltage UIn L1 | 10 | SHORT | V | VT |
| 201 | Voltage UIn L2 | 10 | SHORT | V | VT |
| 202 | Voltage UIn L3 | 10 | SHORT | V | VT |
| 203 | Voltage UII L1-L2 | 10 | SHORT | V | VT |
| 204 | Voltage UII L2-L3 | 10 | SHORT | V | VT |
| 205 | Voltage UII L3-L1 | 10 | SHORT | V | VT |
| 206 | Current I L1 | 1000 | SHORT | mA | CT |
| 207 | Current I L2 | 1000 | SHORT | mA | CT |
| 208 | Current I L3 | 1000 | SHORT | mA | CT |
| 209 | Real power L1 | 10 | SHORT | W | CT VT |
| 210 | Real power L2 | 10 | SHORT | W | CT VT |
| 211 | Real power L3 | 10 | SHORT | W | CT VT |
| 212 | Reactive power L1 | 10 | SHORT | var | CT VT |
| 213 | Reactive power L2 | 10 | SHORT | var | CT VT |
| 214 | Reactive power L3 | 10 | SHORT | var | CT VT |
| 215 | Apparent power L1 | 10 | SHORT | VA | CT VT |
| 216 | Apparent power L2 | 10 | SHORT | VA | CT VT |
| 217 | Apparent power L3 | 10 | SHORT | VA | CT VT |
| 218 | CosPhi L1 | 100 | SHORT | - | |
| 219 | CosPhi L2 | 100 | SHORT | - | |
| 220 | CosPhi L3 | 100 | SHORT | - | |
| 221 | 1. Harmonic U L1 | 10 | SHORT | V | VT |
| 222 | 3. Harmonic U L1 | 10 | SHORT | V | VT |
| 223 | 5. Harmonic U L1 | 10 | SHORT | V | VT |
| 224 | 7. Harmonic U L1 | 10 | SHORT | V | VT |
| 225 | 9. Harmonic U L1 | 10 | SHORT | V | VT |
| 226 | 11. Harmonic U L1 | 10 | SHORT | V | VT |
| 227 | 13. Harmonic U L1 | 10 | SHORT | V | VT |
| 228 | 15. Harmonic U L1 | 10 | SHORT | V | VT |
| 229 | 1. Harmonic U L2 | 10 | SHORT | V | VT |
| 230 | 3. Harmonic U L2 | 10 | SHORT | V | VT |
| 231 | 5. Harmonic U L2 | 10 | SHORT | V | VT |
| 232 | 7. Harmonic U L2 | 10 | SHORT | V | VT |
| 233 | 9. Harmonic U L2 | 10 | SHORT | V | VT |
| 234 | 11. Harmonic U L2 | 10 | SHORT | V | VT |
| 235 | 13. Harmonic U L2 | 10 | SHORT | V | VT |
| 236 | 15. Harmonic U L2 | 10 | SHORT | V | VT |
| 237 | 1. Harmonic U L3 | 10 | SHORT | V | VT |
| 238 | 3. Harmonic U L3 | 10 | SHORT | V | VT |
| 239 | 5. Harmonic U L3 | 10 | SHORT | V | VT |
| 240 | 7. Harmonic U L3 | 10 | SHORT | V | VT |
| 241 | 9. Harmonic U L3 | 10 | SHORT | V | VT |
| 242 | 11. Harmonic U L3 | 10 | SHORT | V | VT |
| 243 | 13. Harmonic U L3 | 10 | SHORT | V | VT |
| 244 | 15. Harmonic U L3 | 10 | SHORT | V | VT |
| 245 | 1. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 246 | 3. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 247 | 5. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 248 | 7. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 249 | 9. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 250 | 11. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 251 | 13. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 252 | 15. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 253 | 1. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 254 | 3. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 255 | 5. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 256 | 7. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 257 | 9. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 258 | 11. Harmonic I L2 | 1000 | SHORT | mA | CT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--------------------------------|----------------|--------|------|---|
| 259 | 13. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 260 | 15. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 261 | 1. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 262 | 3. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 263 | 5. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 264 | 7. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 265 | 9. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 266 | 11. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 267 | 13. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 268 | 15. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 269 | THD U L1 | 1000 | SHORT | % | |
| 270 | THD U L2 | 1000 | SHORT | % | |
| 271 | THD U L3 | 1000 | SHORT | % | |
| 272 | THD I L1 | 1000 | SHORT | % | |
| 273 | THD I L2 | 1000 | SHORT | % | |
| 274 | THD I L3 | 1000 | SHORT | % | |
| 275 | Frequency | 100 | USHORT | Hz | |
| 276 | CosPhi sum | 100 | SHORT | - | |
| 277 | Rotation field | 1 | SHORT | - | +1= right rotary field 0= no rotary field -1= left rotary field |
| 278 | I Sum (converted current in N) | 1000 | SHORT | mA | CT |
| 279 | P Sum | 1 | SHORT | W | CT VT |
| 280 | Q Sum | 1 | SHORT | var | CT VT |
| 281 | S Sum | 1 | SHORT | VA | CT VT |
| 282 | Mean value I L1 | 1000 | SHORT | mA | CT |
| 283 | Mean value I L2 | 1000 | SHORT | mA | CT |
| 284 | Mean value I L3 | 1000 | SHORT | mA | CT |
| 285 | Mean value P L1 | 10 | SHORT | W | CT VT |
| 286 | Mean value P L2 | 10 | SHORT | W | CT VT |
| 287 | Mean value P L3 | 10 | SHORT | W | CT VT |
| 288 | Mean value Q L1 | 10 | SHORT | var | CT VT |
| 289 | Mean value Q L2 | 10 | SHORT | var | CT VT |
| 290 | Mean value Q L3 | 10 | SHORT | var | CT VT |
| 291 | Mean value S L1 | 10 | SHORT | VA | CT VT |
| 292 | Mean value S L2 | 10 | SHORT | VA | CT VT |
| 293 | Mean value S L3 | 10 | SHORT | VA | CT VT |
| 294 | Mean value I Sum | 1000 | SHORT | mA | CT |
| 295 | Mean value P Sum | 1 | SHORT | W | CT VT |
| 296 | Mean value Q Sum | 1 | SHORT | var | CT VT |
| 297 | Mean value S Sum | 1 | SHORT | VA | CT VT |
| 298 | Max. Mean value I Sum | 1000 | SHORT | mA | CT |
| 299 | Max. Mean value P Sum | 1 | SHORT | W | CT VT |
| 300 | Max. value I Sum | 1000 | SHORT | mA | CT |
| 301 | Max. value P Sum | 1 | SHORT | W | CT VT |
| 302 | Max. value Q Sum | 1 | SHORT | var | CT VT |
| 303 | Max. value S Sum | 1 | SHORT | VA | CT VT |
| 304 | Max. value CosPhi Sum | 100 | SHORT | - | |
| 305 | Min. value Uln L1 | 10 | SHORT | V | VT |
| 306 | Min. value Uln L2 | 10 | SHORT | V | VT |
| 307 | Min. value Uln L3 | 10 | SHORT | V | VT |
| 308 | Max. value Uln L1 | 10 | SHORT | V | VT |
| 309 | Max. value Uln L2 | 10 | SHORT | V | VT |
| 310 | Max. value Uln L3 | 10 | SHORT | V | VT |
| 311 | Min. value Ull L1-L2 | 10 | SHORT | V | VT |
| 312 | Min. value Ull L2-L3 | 10 | SHORT | V | VT |
| 313 | Min. value Ull L3-L1 | 10 | SHORT | V | VT |
| 314 | Max. value Ull L1-L2 | 10 | SHORT | V | VT |
| 315 | Max. value Ull L2-L3 | 10 | SHORT | V | VT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 316 | Max. value UII L3-L1 | 10 | SHORT | V | VT |
| 317 | Max. value I L1 | 1000 | SHORT | mA | CT |
| 318 | Max. value I L2 | 1000 | SHORT | mA | CT |
| 319 | Max. value I L3 | 1000 | SHORT | mA | CT |
| 320 | Max_Mean value I L1 | 1000 | SHORT | mA | CT |
| 321 | Max_Mean value I L2 | 1000 | SHORT | mA | CT |
| 322 | Max_Mean value I L3 | 1000 | SHORT | mA | CT |
| 323 | Max. value P L1 | 10 | SHORT | W | CT VT |
| 324 | Max. value P L2 | 10 | SHORT | W | CT VT |
| 325 | Max. value P L3 | 10 | SHORT | W | CT VT |
| 326 | Max. value Q L1 | 10 | SHORT | var | CT VT |
| 327 | Max. value Q L2 | 10 | SHORT | var | CT VT |
| 328 | Max. value Q L3 | 10 | SHORT | var | CT VT |
| 329 | Max. value S L1 | 10 | SHORT | VA | CT VT |
| 330 | Max. value S L2 | 10 | SHORT | VA | CT VT |
| 331 | Max. value S L3 | 10 | SHORT | VA | CT VT |
| 332 | Max. value 1. Harmonic U L1 | 10 | SHORT | V | VT |
| 333 | Max. value 3. Harmonic U L1 | 10 | SHORT | V | VT |
| 334 | Max. value 5. Harmonic U L1 | 10 | SHORT | V | VT |
| 335 | Max. value 7. Harmonic U L1 | 10 | SHORT | V | VT |
| 336 | Max. value 9. Harmonic U L1 | 10 | SHORT | V | VT |
| 337 | Max. value 11. Harmonic U L1 | 10 | SHORT | V | VT |
| 338 | Max. value 13. Harmonic U L1 | 10 | SHORT | V | VT |
| 339 | Max. value 15. Harmonic U L1 | 10 | SHORT | V | VT |
| 340 | Max. value 1. Harmonic U L2 | 10 | SHORT | V | VT |
| 341 | Max. value 3. Harmonic U L2 | 10 | SHORT | V | VT |
| 342 | Max. value 5. Harmonic U L2 | 10 | SHORT | V | VT |
| 343 | Max. value 7. Harmonic U L2 | 10 | SHORT | V | VT |
| 344 | Max. value 9. Harmonic U L2 | 10 | SHORT | V | VT |
| 345 | Max. value 11. Harmonic U L2 | 10 | SHORT | V | VT |
| 346 | Max. value 13. Harmonic U L2 | 10 | SHORT | V | VT |
| 347 | Max. value 15. Harmonic U L2 | 10 | SHORT | V | VT |
| 348 | Max. value 1. Harmonic U L3 | 10 | SHORT | V | VT |
| 349 | Max. value 3. Harmonic U L3 | 10 | SHORT | V | VT |
| 350 | Max. value 5. Harmonic U L3 | 10 | SHORT | V | VT |
| 351 | Max. value 7. Harmonic U L3 | 10 | SHORT | V | VT |
| 352 | Max. value 9. Harmonic U L3 | 10 | SHORT | V | VT |
| 353 | Max. value 11. Harmonic U L3 | 10 | SHORT | V | VT |
| 354 | Max. value 13. Harmonic U L3 | 10 | SHORT | V | VT |
| 355 | Max. value 15. Harmonic U L3 | 10 | SHORT | V | VT |
| 356 | Max. value 1. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 357 | Max. value 3. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 358 | Max. value 5. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 359 | Max. value 7. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 360 | Max. value 9. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 361 | Max. value 11. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 362 | Max. value 13. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 363 | Max. value 15. Harmonic I L1 | 1000 | SHORT | mA | CT |
| 364 | Max. value 1. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 365 | Max. value 3. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 366 | Max. value 5. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 367 | Max. value 7. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 368 | Max. value 9. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 369 | Max. value 11. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 370 | Max. value 13. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 371 | Max. value 15. Harmonic I L2 | 1000 | SHORT | mA | CT |
| 372 | Max. value 1. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 373 | Max. value 3. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 374 | Max. value 5. Harmonic I L3 | 1000 | SHORT | mA | CT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 375 | Max. value 7. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 376 | Max. value 9. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 377 | Max. value 11. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 378 | Max. value 13. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 379 | Max. value 15. Harmonic I L3 | 1000 | SHORT | mA | CT |
| 380 | Max. value THD U L1 | 1 | SHORT | % | |
| 381 | Max. value THD U L2 | 1 | SHORT | % | |
| 382 | Max. value THD U L3 | 1 | SHORT | % | |
| 383 | Max. value THD I L1 | 1 | SHORT | % | |
| 384 | Max. value THD I L2 | 1 | SHORT | % | |
| 385 | Max. value THD I L3 | 1 | SHORT | % | |
| 386 | Comparator Result 1A | 1 | CHAR | - | |
| 387 | Comparator Result 1B | 1 | CHAR | - | |
| 388 | Comparator Result 1C | 1 | CHAR | - | |
| 389 | Comparator Group 1, total result | 1 | CHAR | - | |
| 390 | Comparator Result 2A | 1 | CHAR | - | |
| 391 | Comparator Result 2B | 1 | CHAR | - | |
| 392 | Comparator Result 2C | 1 | CHAR | - | |
| 393 | Comparator Group 2, total result | 1 | CHAR | - | |
| 394 | Operating Hour Counter | 1 | LONG | Sec. | |
| 396 | Total Run Time Comparator 1A | 1 | LONG | Sec. | |
| 398 | Total Run Time Comparator 1B | 1 | LONG | Sec. | |
| 400 | Total Run Time Comparator 1C | 1 | LONG | Sec. | |
| 402 | Total Run Time Comparator 2A | 1 | LONG | Sec. | |
| 404 | Total Run Time Comparator 2B | 1 | LONG | Sec. | |
| 406 | Total Run Time Comparator 2C | 1 | LONG | Sec. | |
| 410 | Time since the 1.1.1970 | 1 | LONG | Sec. | |
| 412 | Mean value CosPhi Sum | 100 | SHORT | - | |
| 413 | Measuring range exceeded | 1 | CHAR | - | |
| | Bit 1 = I > 6,5A L1 | | | | |
| | Bit 2 = I > 6,5A L2 | | | | |
| | Bit 3 = I > 6,5A L3 | | | | |
| | Bit 4 = free | | | | |
| | Bit 5 = U > 300V L1-N | | | | |
| | Bit 6 = U > 300V L2-N | | | | |
| | Bit 7 = U > 300V L3-N | | | | |
| | Bit 8 = free | | | | |
| 416 | Real energy Sum without return travel block | 1 | LONG | Wh | CT VT |
| 418 | Reactive energy, Sum inductive | 1 | LONG | varh | CT VT |
| 422 | Real energy, consumed, Sum | 1 | LONG | Wh | CT VT |
| 424 | Real energy, delivered, Sum | 1 | LONG | Wh | CT VT |
| 426 | Reactive energy, capacitive, Sum | 1 | LONG | varh | CT VT |
| 428 | Reactive energy, Sum | 1 | LONG | varh | CT VT |
| 430 | Apparent energy, Sum | 1 | LONG | VAh | CT VT |
| 432 | Mean value UL1-N | 10 | SHORT | V | VT |
| 433 | Mean value UL2-N | 10 | SHORT | V | VT |
| 434 | Mean value UL3-N | 10 | SHORT | V | VT |
| 435 | Mean value UL1-L2 | 10 | SHORT | V | VT |
| 436 | Mean value UL2-L3 | 10 | SHORT | V | VT |
| 437 | Mean value UL3-L1 | 10 | SHORT | V | VT |

| Address | Designation | Scaling Factor | Type | Unit | Remark | |
|---------|------------------------------------|----------------|-------|--------|--------------------------|--------------------------|
| 438 | Over-range | - | LONG | status | | |
| | 0000 0000 0000 0000 0000 0000 0001 | | | | = Current transients L1 | |
| | 0000 0000 0000 0000 0000 0000 0100 | | | | = Current transients L2 | |
| | 0000 0000 0000 0000 0000 0000 0001 | | | | = Current transients L3 | |
| | 0000 0000 0000 0000 0000 0000 0010 | | | | = Voltage transients L1 | |
| | 0000 0000 0000 0000 0000 0000 1000 | | | | = Voltage transients L2 | |
| | 0000 0000 0000 0000 0000 0010 0000 | | | | = Voltage transients L3 | |
| | 0000 0000 0000 0000 0001 0000 0000 | | | | = Voltage effectiv L1-L2 | |
| | 0000 0000 0000 0000 0010 0000 0000 | | | | = Voltage effectiv L2-L3 | |
| | 0000 0000 0000 0000 0100 0000 0000 | | | | = Voltage effectiv L3-L1 | |
| | 0000 0000 0001 0000 0000 0000 0000 | | | | = Voltage effectiv L1 | |
| | 0000 0000 0010 0000 0000 0000 0000 | | | | = Voltage effectiv L2 | |
| | 0000 0000 0100 0000 0000 0000 0000 | | | | = Voltage effectiv L3 | |
| | 0001 0000 0000 0000 0000 0000 0000 | | | | = Current effectiv L1 | |
| | 0010 0000 0000 0000 0000 0000 0000 | | | | = Current effectiv L2 | |
| | 0100 0000 0000 0000 0000 0000 0000 | | | | = Current effectiv L3 | |
| 600 | ct_prim | 0 | 10000 | SHORT | A | Current transf., prim. |
| 601 | ct_sec | 1 | 5 | SHORT | A | Current transf., second. |
| 602 | vt_prim | 100 | 60000 | USHORT | V | Voltage transf., prim. |
| 603 | vt_sec | 100 | 400 | SHORT | V | Voltage transf., second. |
| 800 | Write in EEPROM | | 1 | SHORT | | |
| | Bit 1 = 1, Write calibration data | | | | | |
| | Bit 2 = 1, Write programming data | | | | | |
| | Bit 4 = 1, Write counter | | | | | |
| | Bit 8 = 1, Write min-max values | | | | | |
| 860 | Calibration Password | | 1 | SHORT | | |
| 911 | Serial number | | 1 | LONG | | |
| 913 | Firmware release | | 1 | SHORT | | |
| 914 | Hardware expansion | | 1 | SHORT | | |
| 920 | Calibration value U L1 | | 1 | FLOAT | | |
| 922 | Calibration value U L2 | | 1 | FLOAT | | |
| 924 | Calibration value U L3 | | 1 | FLOAT | | |
| 926 | Calibration value I L1 | | 1 | FLOAT | | |
| 928 | Calibration value I L2 | | 1 | FLOAT | | |
| 930 | Calibration value I L3 | | 1 | FLOAT | | |
| 932 | Calibration value Phase U L1 | | 1 | FLOAT | | |
| 934 | Calibration value Phase U L2 | | 1 | FLOAT | | |
| 936 | Calibration value Phase U L3 | | 1 | FLOAT | | |
| 938 | Calibration value Phase I L1 | | 1 | FLOAT | | |
| 940 | Calibration value Phase I L2 | | 1 | FLOAT | | |
| 942 | Calibration value Phase I L3 | | 1 | FLOAT | | |
| 1000 | U L1 | | 1 | FLOAT | | |
| 1002 | U L2 | | 1 | FLOAT | | |
| 1004 | U L3 | | 1 | FLOAT | | |
| 1006 | U L1-L2 | | 1 | FLOAT | | |
| 1008 | U L2-L3 | | 1 | FLOAT | | |
| 1010 | U L3-L1 | | 1 | FLOAT | | |
| 1012 | I L1 | | 1 | FLOAT | | |
| 1014 | I L2 | | 1 | FLOAT | | |
| 1016 | I L3 | | 1 | FLOAT | | |
| 1018 | I Sum (converted current in N) | | 1 | FLOAT | | |
| 1020 | P L1 | | 1 | FLOAT | | |
| 1022 | P L2 | | 1 | FLOAT | | |
| 1024 | P L3 | | 1 | FLOAT | | |
| 1026 | P Sum | | 1 | FLOAT | | |
| 1028 | Q L1 | | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--|----------------|-------|------|--------|
| 1030 | Q L2 | 1 | FLOAT | | |
| 1032 | Q L3 | 1 | FLOAT | | |
| 1034 | Q Sum | 1 | FLOAT | | |
| 1036 | S L1 | 1 | FLOAT | | |
| 1038 | S L2 | 1 | FLOAT | | |
| 1040 | S L3 | 1 | FLOAT | | |
| 1042 | S Sum | 1 | FLOAT | | |
| 1044 | CosPhi L1 | 1 | FLOAT | | |
| 1046 | CosPhi L2 | 1 | FLOAT | | |
| 1048 | CosPhi L3 | 1 | FLOAT | | |
| 1050 | CosPhi Sum | 1 | FLOAT | | |
| 1052 | Real power, fundamental oscillation L1 | 1 | FLOAT | | |
| 1054 | Real power, fundamental oscillation L2 | 1 | FLOAT | | |
| 1056 | Real power, fundamental oscillation L3 | 1 | FLOAT | | |
| 1058 | 1. Harmonic U L1 | 1 | FLOAT | | |
| 1060 | 3. Harmonic U L1 | 1 | FLOAT | | |
| 1062 | 5. Harmonic U L1 | 1 | FLOAT | | |
| 1064 | 7. Harmonic U L1 | 1 | FLOAT | | |
| 1066 | 9. Harmonic U L1 | 1 | FLOAT | | |
| 1068 | 11. Harmonic U L1 | 1 | FLOAT | | |
| 1070 | 13. Harmonic U L1 | 1 | FLOAT | | |
| 1072 | 15. Harmonic U L1 | 1 | FLOAT | | |
| 1074 | 17. Harmonic U L1 | 1 | FLOAT | | |
| 1076 | 19. Harmonic U L1 | 1 | FLOAT | | |
| 1078 | 21. Harmonic U L1 | 1 | FLOAT | | |
| 1080 | 23. Harmonic U L1 | 1 | FLOAT | | |
| 1082 | 25. Harmonic U L1 | 1 | FLOAT | | |
| 1084 | 1. Harmonic U L2 | 1 | FLOAT | | |
| 1086 | 3. Harmonic U L2 | 1 | FLOAT | | |
| 1088 | 5. Harmonic U L2 | 1 | FLOAT | | |
| 1090 | 7. Harmonic U L2 | 1 | FLOAT | | |
| 1092 | 9. Harmonic U L2 | 1 | FLOAT | | |
| 1094 | 11. Harmonic U L2 | 1 | FLOAT | | |
| 1096 | 13. Harmonic U L2 | 1 | FLOAT | | |
| 1098 | 15. Harmonic U L2 | 1 | FLOAT | | |
| 1100 | 17. Harmonic U L2 | 1 | FLOAT | | |
| 1102 | 19. Harmonic U L2 | 1 | FLOAT | | |
| 1104 | 21. Harmonic U L2 | 1 | FLOAT | | |
| 1106 | 23. Harmonic U L2 | 1 | FLOAT | | |
| 1108 | 25. Harmonic U L2 | 1 | FLOAT | | |
| 1110 | 1. Harmonic U L3 | 1 | FLOAT | | |
| 1112 | 3. Harmonic U L3 | 1 | FLOAT | | |
| 1114 | 5. Harmonic U L3 | 1 | FLOAT | | |
| 1116 | 7. Harmonic U L3 | 1 | FLOAT | | |
| 1118 | 9. Harmonic U L3 | 1 | FLOAT | | |
| 1120 | 11. Harmonic U L3 | 1 | FLOAT | | |
| 1122 | 13. Harmonic U L3 | 1 | FLOAT | | |
| 1124 | 15. Harmonic U L3 | 1 | FLOAT | | |
| 1126 | 17. Harmonic U L3 | 1 | FLOAT | | |
| 1128 | 19. Harmonic U L3 | 1 | FLOAT | | |
| 1130 | 21. Harmonic U L3 | 1 | FLOAT | | |
| 1132 | 23. Harmonic U L3 | 1 | FLOAT | | |
| 1134 | 25. Harmonic U L3 | 1 | FLOAT | | |
| 1136 | 1. Harmonic I L1 | 1 | FLOAT | | |
| 1138 | 3. Harmonic I L1 | 1 | FLOAT | | |
| 1140 | 5. Harmonic I L1 | 1 | FLOAT | | |
| 1142 | 7. Harmonic I L1 | 1 | FLOAT | | |
| 1144 | 9. Harmonic I L1 | 1 | FLOAT | | |
| 1146 | 11. Harmonic I L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--|----------------|-------|------|---|
| 1148 | 13. Harmonic I L1 | 1 | FLOAT | | |
| 1150 | 15. Harmonic I L1 | 1 | FLOAT | | |
| 1152 | 17. Harmonic I L1 | 1 | FLOAT | | |
| 1154 | 19. Harmonic I L1 | 1 | FLOAT | | |
| 1156 | 21. Harmonic I L1 | 1 | FLOAT | | |
| 1158 | 23. Harmonic I L1 | 1 | FLOAT | | |
| 1160 | 25. Harmonic I L1 | 1 | FLOAT | | |
| 1162 | 1. Harmonic I L2 | 1 | FLOAT | | |
| 1164 | 3. Harmonic I L2 | 1 | FLOAT | | |
| 1166 | 5. Harmonic I L2 | 1 | FLOAT | | |
| 1168 | 7. Harmonic I L2 | 1 | FLOAT | | |
| 1170 | 9. Harmonic I L2 | 1 | FLOAT | | |
| 1172 | 11. Harmonic I L2 | 1 | FLOAT | | |
| 1174 | 13. Harmonic I L2 | 1 | FLOAT | | |
| 1176 | 15. Harmonic I L2 | 1 | FLOAT | | |
| 1178 | 17. Harmonic I L2 | 1 | FLOAT | | |
| 1180 | 19. Harmonic I L2 | 1 | FLOAT | | |
| 1182 | 21. Harmonic I L2 | 1 | FLOAT | | |
| 1184 | 23. Harmonic I L2 | 1 | FLOAT | | |
| 1186 | 25. Harmonic I L2 | 1 | FLOAT | | |
| 1188 | 1. Harmonic I L3 | 1 | FLOAT | | |
| 1190 | 3. Harmonic I L3 | 1 | FLOAT | | |
| 1192 | 5. Harmonic I L3 | 1 | FLOAT | | |
| 1194 | 7. Harmonic I L3 | 1 | FLOAT | | |
| 1196 | 9. Harmonic I L3 | 1 | FLOAT | | |
| 1198 | 11. Harmonic I L3 | 1 | FLOAT | | |
| 1200 | 13. Harmonic I L3 | 1 | FLOAT | | |
| 1202 | 15. Harmonic I L3 | 1 | FLOAT | | |
| 1204 | 17. Harmonic I L3 | 1 | FLOAT | | |
| 1206 | 19. Harmonic I L3 | 1 | FLOAT | | |
| 1208 | 21. Harmonic I L3 | 1 | FLOAT | | |
| 1210 | 23. Harmonic I L3 | 1 | FLOAT | | |
| 1212 | 25. Harmonic I L3 | 1 | FLOAT | | |
| 1214 | THD U L1 | 1 | FLOAT | | |
| 1216 | THD U L2 | 1 | FLOAT | | |
| 1218 | THD U L3 | 1 | FLOAT | | |
| 1220 | THD I L1 | 1 | FLOAT | | |
| 1222 | THD I L2 | 1 | FLOAT | | |
| 1224 | THD I L3 | 1 | FLOAT | | |
| 1226 | Frequency | 1 | FLOAT | | |
| 1228 | Zero sequence U | 1 | FLOAT | | |
| 1230 | Postive sequence U | 1 | FLOAT | | |
| 1232 | Negative sequence U | 1 | FLOAT | | |
| 1234 | Zero sequence I | 1 | FLOAT | | |
| 1236 | Postive sequence I | 1 | FLOAT | | |
| 1238 | Negative sequence I | 1 | FLOAT | | |
| 1240 | Distortion power L1 | 1 | FLOAT | | |
| 1242 | Distortion power L2 | 1 | FLOAT | | |
| 1244 | Distortion power L3 | 1 | FLOAT | | |
| 1246 | Distortion power Sum | 1 | FLOAT | | |
| 1248 | Rotation field | 1 | FLOAT | | +1= right rotary field 0= no rotary field -1= left rotary field |
| 1250 | Real part of the fundamental oscillation UL1 | 1 | FLOAT | | |
| 1252 | Imaginary part of the fund. oscillation UL1 | 1 | FLOAT | | |
| 1254 | Real part of the fund. oscillation UL2 | 1 | FLOAT | | |
| 1256 | Imaginary part of the fund. oscillation UL2 | 1 | FLOAT | | |
| 1258 | Real part of the fund. oscillation UL3 | 1 | FLOAT | | |
| 1260 | Imaginary part of the fund. oscillation UL3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 1262 | Real part of the fund. oscillation IL1 | 1 | FLOAT | | |
| 1264 | Imaginary part of the fund. oscillation IL1 | 1 | FLOAT | | |
| 1266 | Real part of the fund. oscillation IL2 | 1 | FLOAT | | |
| 1268 | Imaginary part of the fund. oscillation IL2 | 1 | FLOAT | | |
| 1270 | Real part of the fund. oscillation IL3 | 1 | FLOAT | | |
| 1272 | Imaginary part of the fund. oscillation IL3 | 1 | FLOAT | | |
| 1274 | Frequency (200ms) | 1 | FLOAT | | |
| 1276 | TDD (total demand distortion) current L1 | 1 | FLOAT | | |
| 1278 | TDD (total demand distortion) current L2 | 1 | FLOAT | | |
| 1280 | TDD (total demand distortion) current L3 | 1 | FLOAT | | |
| 1282 | Crest factor voltage L1 | 1 | FLOAT | | |
| 1284 | Crest factor voltage L2 | 1 | FLOAT | | |
| 1286 | Crest factor voltage L3 | 1 | FLOAT | | |
| 1288 | Crest factor current L1 | 1 | FLOAT | | |
| 1290 | Crest factor current L2 | 1 | FLOAT | | |
| 1292 | Crest factor current L3 | 1 | FLOAT | | |
| 1294 | Power factor L1 | 1 | FLOAT | | |
| 1296 | Power factor L2 | 1 | FLOAT | | |
| 1298 | Power factor L2 | 1 | FLOAT | | |
| 1300 | Power factor sum3=Psum3/Ssum3 | 1 | FLOAT | | |
| 2000 | Mean value U L1 | 1 | FLOAT | | |
| 2002 | Mean value U L2 | 1 | FLOAT | | |
| 2004 | Mean value U L3 | 1 | FLOAT | | |
| 2006 | Mean value U L1-L2 | 1 | FLOAT | | |
| 2008 | Mean value U L2-L3 | 1 | FLOAT | | |
| 2010 | Mean value U L3-L1 | 1 | FLOAT | | |
| 2012 | Mean value I L1 | 1 | FLOAT | | |
| 2014 | Mean value I L2 | 1 | FLOAT | | |
| 2016 | Mean value I L3 | 1 | FLOAT | | |
| 2018 | Mean value I Sum | 1 | FLOAT | | |
| 2020 | Mean value P L1 | 1 | FLOAT | | |
| 2022 | Mean value P L2 | 1 | FLOAT | | |
| 2024 | Mean value P L3 | 1 | FLOAT | | |
| 2026 | Mean value P Sum | 1 | FLOAT | | |
| 2028 | Mean value Q L1 | 1 | FLOAT | | |
| 2030 | Mean value Q L2 | 1 | FLOAT | | |
| 2032 | Mean value Q L3 | 1 | FLOAT | | |
| 2034 | Mean value Q Sum | 1 | FLOAT | | |
| 2036 | Mean value S L1 | 1 | FLOAT | | |
| 2038 | Mean value S L2 | 1 | FLOAT | | |
| 2040 | Mean value S L3 | 1 | FLOAT | | |
| 2042 | Mean value S Sum | 1 | FLOAT | | |
| 2044 | Mean value CosPhi L1 | 1 | FLOAT | | |
| 2046 | Mean value CosPhi L2 | 1 | FLOAT | | |
| 2048 | Mean value CosPhi L3 | 1 | FLOAT | | |
| 2050 | Mean value CosPhi Sum | 1 | FLOAT | | |
| 2052 | Mean value real power, fundamental osc. L1 | 1 | FLOAT | | |
| 2054 | Mean value real power, fundamental osc. L2 | 1 | FLOAT | | |
| 2056 | Mean value real power, fund. osz. L3 | 1 | FLOAT | | |
| 2058 | Mean value 1. Harmonic U L1 | 1 | FLOAT | | |
| 2060 | Mean value 3. Harmonic U L1 | 1 | FLOAT | | |
| 2062 | Mean value 5. Harmonic U L1 | 1 | FLOAT | | |
| 2064 | Mean value 7. Harmonic U L1 | 1 | FLOAT | | |
| 2066 | Mean value 9. Harmonic U L1 | 1 | FLOAT | | |
| 2068 | Mean value 11. Harmonic U L1 | 1 | FLOAT | | |
| 2070 | Mean value 13. Harmonic U L1 | 1 | FLOAT | | |
| 2072 | Mean value 15. Harmonic U L1 | 1 | FLOAT | | |
| 2074 | Mean value 17. Harmonic U L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 2076 | Mean value 19. Harmonic U L1 | 1 | FLOAT | | |
| 2078 | Mean value 21. Harmonic U L1 | 1 | FLOAT | | |
| 2080 | Mean value 23. Harmonic U L1 | 1 | FLOAT | | |
| 2082 | Mean value 25. Harmonic U L1 | 1 | FLOAT | | |
| 2084 | Mean value 1. Harmonic U L2 | 1 | FLOAT | | |
| 2086 | Mean value 3. Harmonic U L2 | 1 | FLOAT | | |
| 2088 | Mean value 5. Harmonic U L2 | 1 | FLOAT | | |
| 2090 | Mean value 7. Harmonic U L2 | 1 | FLOAT | | |
| 2092 | Mean value 9. Harmonic U L2 | 1 | FLOAT | | |
| 2094 | Mean value 11. Harmonic U L2 | 1 | FLOAT | | |
| 2096 | Mean value 13. Harmonic U L2 | 1 | FLOAT | | |
| 2098 | Mean value 15. Harmonic U L2 | 1 | FLOAT | | |
| 2100 | Mean value 17. Harmonic U L2 | 1 | FLOAT | | |
| 2102 | Mean value 19. Harmonic U L2 | 1 | FLOAT | | |
| 2104 | Mean value 21. Harmonic U L2 | 1 | FLOAT | | |
| 2106 | Mean value 23. Harmonic U L2 | 1 | FLOAT | | |
| 2108 | Mean value 25. Harmonic U L2 | 1 | FLOAT | | |
| 2110 | Mean value 1. Harmonic U L3 | 1 | FLOAT | | |
| 2112 | Mean value 3. Harmonic U L3 | 1 | FLOAT | | |
| 2114 | Mean value 5. Harmonic U L3 | 1 | FLOAT | | |
| 2116 | Mean value 7. Harmonic U L3 | 1 | FLOAT | | |
| 2118 | Mean value 9. Harmonic U L3 | 1 | FLOAT | | |
| 2120 | Mean value 11. Harmonic U L3 | 1 | FLOAT | | |
| 2122 | Mean value 13. Harmonic U L3 | 1 | FLOAT | | |
| 2124 | Mean value 15. Harmonic U L3 | 1 | FLOAT | | |
| 2126 | Mean value 17. Harmonic U L3 | 1 | FLOAT | | |
| 2128 | Mean value 19. Harmonic U L3 | 1 | FLOAT | | |
| 2130 | Mean value 21. Harmonic U L3 | 1 | FLOAT | | |
| 2132 | Mean value 23. Harmonic U L3 | 1 | FLOAT | | |
| 2134 | Mean value 25. Harmonic U L3 | 1 | FLOAT | | |
| 2136 | Mean value 1. Harmonic I L1 | 1 | FLOAT | | |
| 2138 | Mean value 3. Harmonic I L1 | 1 | FLOAT | | |
| 2140 | Mean value 5. Harmonic I L1 | 1 | FLOAT | | |
| 2142 | Mean value 7. Harmonic I L1 | 1 | FLOAT | | |
| 2144 | Mean value 9. Harmonic I L1 | 1 | FLOAT | | |
| 2146 | Mean value 11. Harmonic I L1 | 1 | FLOAT | | |
| 2148 | Mean value 13. Harmonic I L1 | 1 | FLOAT | | |
| 2150 | Mean value 15. Harmonic I L1 | 1 | FLOAT | | |
| 2152 | Mean value 17. Harmonic I L1 | 1 | FLOAT | | |
| 2154 | Mean value 19. Harmonic I L1 | 1 | FLOAT | | |
| 2156 | Mean value 21. Harmonic I L1 | 1 | FLOAT | | |
| 2158 | Mean value 23. Harmonic I L1 | 1 | FLOAT | | |
| 2160 | Mean value 25. Harmonic I L1 | 1 | FLOAT | | |
| 2162 | Mean value 1. Harmonic I L2 | 1 | FLOAT | | |
| 2164 | Mean value 3. Harmonic I L2 | 1 | FLOAT | | |
| 2166 | Mean value 5. Harmonic I L2 | 1 | FLOAT | | |
| 2168 | Mean value 7. Harmonic I L2 | 1 | FLOAT | | |
| 2170 | Mean value 9. Harmonic I L2 | 1 | FLOAT | | |
| 2172 | Mean value 11. Harmonic I L2 | 1 | FLOAT | | |
| 2174 | Mean value 13. Harmonic I L2 | 1 | FLOAT | | |
| 2176 | Mean value 15. Harmonic I L2 | 1 | FLOAT | | |
| 2178 | Mean value 17. Harmonic I L2 | 1 | FLOAT | | |
| 2180 | Mean value 19. Harmonic I L2 | 1 | FLOAT | | |
| 2182 | Mean value 21. Harmonic I L2 | 1 | FLOAT | | |
| 2184 | Mean value 23. Harmonic I L2 | 1 | FLOAT | | |
| 2186 | Mean value 25. Harmonic I L2 | 1 | FLOAT | | |
| 2188 | Mean value 1. Harmonic I L3 | 1 | FLOAT | | |
| 2190 | Mean value 3. Harmonic I L3 | 1 | FLOAT | | |
| 2192 | Mean value 5. Harmonic I L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 2194 | Mean value 7. Harmonic I L3 | 1 | FLOAT | | |
| 2196 | Mean value 9. Harmonic I L3 | 1 | FLOAT | | |
| 2198 | Mean value 11. Harmonic I L3 | 1 | FLOAT | | |
| 2200 | Mean value 13. Harmonic I L3 | 1 | FLOAT | | |
| 2202 | Mean value 15. Harmonic I L3 | 1 | FLOAT | | |
| 2204 | Mean value 17. Harmonic I L3 | 1 | FLOAT | | |
| 2206 | Mean value 19. Harmonic I L3 | 1 | FLOAT | | |
| 2208 | Mean value 21. Harmonic I L3 | 1 | FLOAT | | |
| 2210 | Mean value 23. Harmonic I L3 | 1 | FLOAT | | |
| 2212 | Mean value 25. Harmonic I L3 | 1 | FLOAT | | |
| 2214 | Mean value THD U L1 | 1 | FLOAT | | |
| 2216 | Mean value THD U L2 | 1 | FLOAT | | |
| 2218 | Mean value THD U L3 | 1 | FLOAT | | |
| 2220 | Mean value THD I L1 | 1 | FLOAT | | |
| 2222 | Mean value THD I L2 | 1 | FLOAT | | |
| 2224 | Mean value THD I L3 | 1 | FLOAT | | |
| 2226 | Mean value Frequency | 1 | FLOAT | | |
| 2228 | Mean value Zero sequence U | 1 | FLOAT | | |
| 2230 | Mean value postive sequence U | 1 | FLOAT | | |
| 2232 | Mean value negative sequence U | 1 | FLOAT | | |
| 2234 | Mean value Zero sequence I | 1 | FLOAT | | |
| 2236 | Mean value postive sequence I | 1 | FLOAT | | |
| 2238 | Mean value negative sequence I | 1 | FLOAT | | |
| 2240 | Mean value distortion power L1 | 1 | FLOAT | | |
| 2242 | Mean value distortion power L2 | 1 | FLOAT | | |
| 2244 | Mean value distortion power L3 | 1 | FLOAT | | |
| 2246 | Mean value distortion power Sum | 1 | FLOAT | | |
| 2248 | Mean value TDD current L1 | 1 | FLOAT | | |
| 2250 | Mean value TDD current L2 | 1 | FLOAT | | |
| 2252 | Mean value TDD current L3 | 1 | FLOAT | | |
| 2254 | Mean value power factor L1 | 1 | FLOAT | | |
| 2256 | Mean value power factor L2 | 1 | FLOAT | | |
| 2258 | Mean value power factor L3 | | FLOAT | | |
| 2260 | Mean value power factor sum3=Psum3/Ssum3 | | FLOAT | | |
| 3000 | Max. value. U L1 | 1 | FLOAT | | |
| 3002 | Max. value. U L2 | 1 | FLOAT | | |
| 3004 | Max. value. U L3 | 1 | FLOAT | | |
| 3006 | Max. value. U L1-L2 | 1 | FLOAT | | |
| 3008 | Max. value. U L2-L3 | 1 | FLOAT | | |
| 3010 | Max. value. U L3-L1 | 1 | FLOAT | | |
| 3012 | Max. value. I L1 | 1 | FLOAT | | |
| 3014 | Max. value. I L2 | 1 | FLOAT | | |
| 3016 | Max. value. I L3 | 1 | FLOAT | | |
| 3018 | Max. value. I Sum (convert. Current in N) | 1 | FLOAT | | |
| 3020 | Max. value. P L1 | 1 | FLOAT | | |
| 3022 | Max. value. P L2 | 1 | FLOAT | | |
| 3024 | Max. value. P L3 | 1 | FLOAT | | |
| 3026 | Max. value. P Sum | 1 | FLOAT | | |
| 3028 | Max. value. Q L1 | 1 | FLOAT | | |
| 3030 | Max. value. Q L2 | 1 | FLOAT | | |
| 3032 | Max. value. Q L3 | 1 | FLOAT | | |
| 3034 | Max. value. Q Sum | 1 | FLOAT | | |
| 3036 | Max. value. S L1 | 1 | FLOAT | | |
| 3038 | Max. value. S L2 | 1 | FLOAT | | |
| 3040 | Max. value. S L3 | 1 | FLOAT | | |
| 3042 | Max. value. S Sum | 1 | FLOAT | | |
| 3044 | Max. value. CosPhi L1 | 1 | FLOAT | | |
| 3046 | Max. value. CosPhi L2 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 3048 | Max. value. CosPhi L3 | 1 | FLOAT | | |
| 3050 | Max. value. CosPhi Sum | 1 | FLOAT | | |
| 3052 | Max. value. real power, fundamental osc. L1 | 1 | FLOAT | | |
| 3054 | Max. value. real power, fundamental osc. L2 | 1 | FLOAT | | |
| 3056 | Max. value. real power, fundamental osc. L3 | 1 | FLOAT | | |
| 3058 | Max. value. 1. Harmonic U L1 | 1 | FLOAT | | |
| 3060 | Max. value. 3. Harmonic U L1 | 1 | FLOAT | | |
| 3062 | Max. value. 5. Harmonic U L1 | 1 | FLOAT | | |
| 3064 | Max. value. 7. Harmonic U L1 | 1 | FLOAT | | |
| 3066 | Max. value. 9. Harmonic U L1 | 1 | FLOAT | | |
| 3068 | Max. value. 11. Harmonic U L1 | 1 | FLOAT | | |
| 3070 | Max. value. 13. Harmonic U L1 | 1 | FLOAT | | |
| 3072 | Max. value. 15. Harmonic U L1 | 1 | FLOAT | | |
| 3074 | Max. value. 17. Harmonic U L1 | 1 | FLOAT | | |
| 3076 | Max. value. 19. Harmonic U L1 | 1 | FLOAT | | |
| 3078 | Max. value. 21. Harmonic U L1 | 1 | FLOAT | | |
| 3080 | Max. value. 23. Harmonic U L1 | 1 | FLOAT | | |
| 3082 | Max. value. 25. Harmonic U L1 | 1 | FLOAT | | |
| 3084 | Max. value. 1. Harmonic U L2 | 1 | FLOAT | | |
| 3086 | Max. value. 3. Harmonic U L2 | 1 | FLOAT | | |
| 3088 | Max. value. 5. Harmonic U L2 | 1 | FLOAT | | |
| 3090 | Max. value. 7. Harmonic U L2 | 1 | FLOAT | | |
| 3092 | Max. value. 9. Harmonic U L2 | 1 | FLOAT | | |
| 3094 | Max. value. 11. Harmonic U L2 | 1 | FLOAT | | |
| 3096 | Max. value. 13. Harmonic U L2 | 1 | FLOAT | | |
| 3098 | Max. value. 15. Harmonic U L2 | 1 | FLOAT | | |
| 3100 | Max. value. 17. Harmonic U L2 | 1 | FLOAT | | |
| 3102 | Max. value. 19. Harmonic U L2 | 1 | FLOAT | | |
| 2104 | Max. value. 21. Harmonic U L2 | 1 | FLOAT | | |
| 3106 | Max. value. 23. Harmonic U L2 | 1 | FLOAT | | |
| 3108 | Max. value. 25. Harmonic U L2 | 1 | FLOAT | | |
| 3110 | Max. value. 1. Harmonic U L3 | 1 | FLOAT | | |
| 3112 | Max. value. 3. Harmonic U L3 | 1 | FLOAT | | |
| 3114 | Max. value. 5. Harmonic U L3 | 1 | FLOAT | | |
| 3116 | Max. value. 7. Harmonic U L3 | 1 | FLOAT | | |
| 3118 | Max. value. 9. Harmonic U L3 | 1 | FLOAT | | |
| 3120 | Max. value. 11. Harmonic U L3 | 1 | FLOAT | | |
| 3122 | Max. value. 13. Harmonic U L3 | 1 | FLOAT | | |
| 3124 | Max. value. 15. Harmonic U L3 | 1 | FLOAT | | |
| 3126 | Max. value. 17. Harmonic U L3 | 1 | FLOAT | | |
| 3128 | Max. value. 19. Harmonic U L3 | 1 | FLOAT | | |
| 3130 | Max. value. 21. Harmonic U L3 | 1 | FLOAT | | |
| 3132 | Max. value. 23. Harmonic U L3 | 1 | FLOAT | | |
| 3134 | Max. value. 25. Harmonic U L3 | 1 | FLOAT | | |
| 3136 | Max. value. 1. Harmonic I L1 | 1 | FLOAT | | |
| 3138 | Max. value. 3. Harmonic I L1 | 1 | FLOAT | | |
| 3140 | Max. value. 5. Harmonic I L1 | 1 | FLOAT | | |
| 3142 | Max. value. 7. Harmonic I L1 | 1 | FLOAT | | |
| 3144 | Max. value. 9. Harmonic I L1 | 1 | FLOAT | | |
| 3146 | Max. value. 11. Harmonic I L1 | 1 | FLOAT | | |
| 3148 | Max. value. 13. Harmonic I L1 | 1 | FLOAT | | |
| 3150 | Max. value. 15. Harmonic I L1 | 1 | FLOAT | | |
| 3152 | Max. value. 17. Harmonic I L1 | 1 | FLOAT | | |
| 3154 | Max. value. 19. Harmonic I L1 | 1 | FLOAT | | |
| 3156 | Max. value. 21. Harmonic I L1 | 1 | FLOAT | | |
| 3158 | Max. value. 23. Harmonic I L1 | 1 | FLOAT | | |
| 3160 | Max. value. 25. Harmonic I L1 | 1 | FLOAT | | |
| 3162 | Max. value. 1. Harmonic I L2 | 1 | FLOAT | | |
| 3164 | Max. value. 3. Harmonic I L2 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 3166 | Max. value. 5. Harmonic I L2 | 1 | FLOAT | | |
| 3168 | Max. value. 7. Harmonic I L2 | 1 | FLOAT | | |
| 3170 | Max. value. 9. Harmonic I L2 | 1 | FLOAT | | |
| 3172 | Max. value. 11. Harmonic I L2 | 1 | FLOAT | | |
| 3174 | Max. value. 13. Harmonic I L2 | 1 | FLOAT | | |
| 3176 | Max. value. 15. Harmonic I L2 | 1 | FLOAT | | |
| 3178 | Max. value. 17. Harmonic I L2 | 1 | FLOAT | | |
| 3180 | Max. value. 19. Harmonic I L2 | 1 | FLOAT | | |
| 3182 | Max. value. 21. Harmonic I L2 | 1 | FLOAT | | |
| 3184 | Max. value. 23. Harmonic I L2 | 1 | FLOAT | | |
| 3186 | Max. value. 25. Harmonic I L2 | 1 | FLOAT | | |
| 3188 | Max. value. 1. Harmonic I L3 | 1 | FLOAT | | |
| 3190 | Max. value. 3. Harmonic I L3 | 1 | FLOAT | | |
| 3192 | Max. value. 5. Harmonic I L3 | 1 | FLOAT | | |
| 3194 | Max. value. 7. Harmonic I L3 | 1 | FLOAT | | |
| 3196 | Max. value. 9. Harmonic I L3 | 1 | FLOAT | | |
| 3198 | Max. value. 11. Harmonic I L3 | 1 | FLOAT | | |
| 3200 | Max. value. 13. Harmonic I L3 | 1 | FLOAT | | |
| 3202 | Max. value. 15. Harmonic I L3 | 1 | FLOAT | | |
| 3204 | Max. value. 17. Harmonic I L3 | 1 | FLOAT | | |
| 3206 | Max. value. 19. Harmonic I L3 | 1 | FLOAT | | |
| 3208 | Max. value. 21. Harmonic I L3 | 1 | FLOAT | | |
| 3210 | Max. value. 23. Harmonic I L3 | 1 | FLOAT | | |
| 3212 | Max. value. 25. Harmonic I L3 | 1 | FLOAT | | |
| 3214 | Max. value. THD U L1 | 1 | FLOAT | | |
| 3216 | Max. value. THD U L2 | 1 | FLOAT | | |
| 3218 | Max. value. THD U L3 | 1 | FLOAT | | |
| 3220 | Max. value. THD I L1 | 1 | FLOAT | | |
| 3222 | Max. value. THD I L2 | 1 | FLOAT | | |
| 3224 | Max. value. THD I L3 | 1 | FLOAT | | |
| 3226 | Max. value. Frequency | 1 | FLOAT | | |
| 3228 | Max. value U Zero sequence | 1 | FLOAT | | |
| 3230 | Max. value U positive sequence | 1 | FLOAT | | |
| 3232 | Max. value U negative sequence | 1 | FLOAT | | |
| 3234 | Max. value I Zero sequence | 1 | FLOAT | | |
| 3236 | Max. value I positive sequence | 1 | FLOAT | | |
| 3238 | Max. value I negative sequence | 1 | FLOAT | | |
| 3240 | Max. value Distortion power L1 | 1 | FLOAT | | |
| 3242 | Max. value Distortion power L2 | 1 | FLOAT | | |
| 3244 | Max. value Distortion power L3 | 1 | FLOAT | | |
| 3246 | Max. value Distortion power Sum | 1 | FLOAT | | |
| 3248 | Max. value des Mean value I L1 | 1 | FLOAT | | |
| 3250 | Max. value des Mean value I L2 | 1 | FLOAT | | |
| 3252 | Max. value des Mean value I L3 | 1 | FLOAT | | |
| 3254 | Max. value des Mean value I Sum | 1 | FLOAT | | |
| 3256 | Max. of Mean value P L1 | 1 | FLOAT | | |
| 3258 | Max. of Mean value P L2 | 1 | FLOAT | | |
| 3260 | Max. of Mean value P L3 | 1 | FLOAT | | |
| 3262 | Max. of Mean value P Sum. | 1 | FLOAT | | |
| 3264 | Max. value, TDD current L1 | 1 | FLOAT | | |
| 3266 | Max. value, TDD current L2 | 1 | FLOAT | | |
| 3268 | Max. value, TDD current L3 | 1 | FLOAT | | |
| 3270 | Max. value, Power factor L1 | 1 | FLOAT | | |
| 3272 | Max. value, Power factor L2 | 1 | FLOAT | | |
| 3274 | Max. value, Power factor L3 | 1 | FLOAT | | |
| 3276 | Max. value, Power factor sum3=Psum3/Ssum3 | | FLOAT | | |
| 4000 | Min. value U L1 | 1 | FLOAT | | |
| 4002 | Min. value U L2 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--------------------------------|----------------|-------|------|--------|
| 4004 | Min. value U L3 | 1 | FLOAT | | |
| 4006 | Min. value U L1-L2 | 1 | FLOAT | | |
| 4008 | Min. value U L2-L3 | 1 | FLOAT | | |
| 4010 | Min. value U L3-L1 | 1 | FLOAT | | |
| 4012 | Min. value CosPhi L1 | 1 | FLOAT | | |
| 4014 | Min. value CosPhi L1 | 1 | FLOAT | | |
| 4016 | Min. value CosPhi L2 | 1 | FLOAT | | |
| 4018 | Min. value CosPhi L3 | 1 | FLOAT | | |
| 4020 | Min. value 1. Harmonic U L1 | 1 | FLOAT | | |
| 4022 | Min. value 3. Harmonic U L1 | 1 | FLOAT | | |
| 4024 | Min. value 5. Harmonic U L1 | 1 | FLOAT | | |
| 4026 | Min. value 7. Harmonic U L1 | 1 | FLOAT | | |
| 4028 | Min. value 9. Harmonic U L1 | 1 | FLOAT | | |
| 4030 | Min. value 11. Harmonic U L1 | 1 | FLOAT | | |
| 4032 | Min. value 13. Harmonic U L1 | 1 | FLOAT | | |
| 4034 | Min. value 15. Harmonic U L1 | 1 | FLOAT | | |
| 4036 | Min. value 17. Harmonic U L1 | 1 | FLOAT | | |
| 4038 | Min. value 19. Harmonic U L1 | 1 | FLOAT | | |
| 4040 | Min. value 21. Harmonic U L1 | 1 | FLOAT | | |
| 4042 | Min. value 23. Harmonic U L1 | 1 | FLOAT | | |
| 4044 | Min. value 25. Harmonic U L1 | 1 | FLOAT | | |
| 4046 | Min. value 1. Harmonic U L2 | 1 | FLOAT | | |
| 4048 | Min. value 3. Harmonic U L2 | 1 | FLOAT | | |
| 4050 | Min. value 5. Harmonic U L2 | 1 | FLOAT | | |
| 4052 | Min. value 7. Harmonic U L2 | 1 | FLOAT | | |
| 4054 | Min. value 9. Harmonic U L2 | 1 | FLOAT | | |
| 4056 | Min. value 11. Harmonic U L2 | 1 | FLOAT | | |
| 4058 | Min. value 13. Harmonic U L2 | 1 | FLOAT | | |
| 4060 | Min. value 15. Harmonic U L2 | 1 | FLOAT | | |
| 4062 | Min. value 17. Harmonic U L2 | 1 | FLOAT | | |
| 4064 | Min. value 19. Harmonic U L2 | 1 | FLOAT | | |
| 4066 | Min. value 21. Harmonic U L2 | 1 | FLOAT | | |
| 4068 | Min. value 23. Harmonic U L2 | 1 | FLOAT | | |
| 4070 | Min. value 25. Harmonic U L2 | 1 | FLOAT | | |
| 4072 | Min. value 1. Harmonic U L3 | 1 | FLOAT | | |
| 4074 | Min. value 3. Harmonic U L3 | 1 | FLOAT | | |
| 4076 | Min. value 5. Harmonic U L3 | 1 | FLOAT | | |
| 4078 | Min. value 7. Harmonic U L3 | 1 | FLOAT | | |
| 4080 | Min. value 9. Harmonic U L3 | 1 | FLOAT | | |
| 4082 | Min. value 11. Harmonic U L3 | 1 | FLOAT | | |
| 4084 | Min. value 13. Harmonic U L3 | 1 | FLOAT | | |
| 4086 | Min. value 15. Harmonic U L3 | 1 | FLOAT | | |
| 4088 | Min. value 17. Harmonic U L3 | 1 | FLOAT | | |
| 4090 | Min. value 19. Harmonic U L3 | 1 | FLOAT | | |
| 4092 | Min. value 21. Harmonic U L3 | 1 | FLOAT | | |
| 4094 | Min. value 23. Harmonic U L3 | 1 | FLOAT | | |
| 4096 | Min. value 25. Harmonic U L3 | 1 | FLOAT | | |
| 4098 | Min. value THD U L1 | 1 | FLOAT | | |
| 4100 | Min. value THD U L2 | 1 | FLOAT | | |
| 4102 | Min. value THD U L3 | 1 | FLOAT | | |
| 4104 | Min. value Frequency | 1 | FLOAT | | |
| 4106 | Min. value U Zero sequence | 1 | FLOAT | | |
| 4108 | Min. value U postive sequence | 1 | FLOAT | | |
| 4110 | Min. value U negative sequence | 1 | FLOAT | | |
| 4112 | Min. value, active power L1 | 1 | FLOAT | | |
| 4114 | Min. value, active power L2 | 1 | FLOAT | | |
| 4116 | Min. value, active power L3 | 1 | FLOAT | | |
| 4118 | Min. value, active power sum | 1 | FLOAT | | |
| 4120 | Min. value, Power factor L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--|----------------|-------|------|--------|
| 4122 | Min. value, Power factor L2 | 1 | FLOAT | | |
| 4124 | Min. value, Power factor L3 | 1 | FLOAT | | |
| 4126 | Min. value, Power factor sum $3=P_{sum3}/S_{sum3}$ | | FLOAT | | |
| 4128 | Min. value, THD current L1 | 1 | FLOAT | | |
| 4130 | Min. value, THD current L2 | 1 | FLOAT | | |
| 4132 | Min. value, THD current L3 | 1 | FLOAT | | |
| 4134 | Min. value, current L1 | 1 | FLOAT | | |
| 4136 | Min. value, current L2 | 1 | FLOAT | | |
| 4138 | Min. value, current L3 | 1 | FLOAT | | |
| 4140 | Min. value, current sum | 1 | FLOAT | | |
| 4142 | Min. value, reactive power L1 | 1 | FLOAT | | |
| 4144 | Min. value, reactive power L2 | 1 | FLOAT | | |
| 4146 | Min. value, reactive power L3 | 1 | FLOAT | | |
| 4148 | Min. value, reactive power sum | 1 | FLOAT | | |
| 4150 | Min. value, apparent power L1 | 1 | FLOAT | | |
| 4152 | Min. value, apparent power L2 | 1 | FLOAT | | |
| 4154 | Min. value, apparent power L3 | 1 | FLOAT | | |
| 4156 | Min. value, apparent power sum | | FLOAT | | |
| 5000 | Real energy L1, Consumption | 1 | FLOAT | | |
| 5002 | Real energy L2, Consumption | 1 | FLOAT | | |
| 5004 | Real energy L3, Consumption | 1 | FLOAT | | |
| 5006 | Real energy Sum, Consumption | 1 | FLOAT | | |
| 5008 | Real energy L1, Consumption, HT | 1 | FLOAT | | |
| 5010 | Real energy L2, Consumption, HT | 1 | FLOAT | | |
| 5012 | Real energy L3, Consumption, HT | 1 | FLOAT | | |
| 5014 | Real energy Sum, Consumption, HT | 1 | FLOAT | | |
| 5016 | Real energy L1, Consumption, NT | 1 | FLOAT | | |
| 5018 | Real energy L2, Consumption, NT | 1 | FLOAT | | |
| 5020 | Real energy L3, Consumption, NT | 1 | FLOAT | | |
| 5022 | Real energy Sum, Consumption, NT | 1 | FLOAT | | |
| 5024 | Apparent energy L1 | 1 | FLOAT | | |
| 5026 | Apparent energy L2 | 1 | FLOAT | | |
| 5028 | Apparent energy L3 | 1 | FLOAT | | |
| 5030 | Apparent energy Sum | 1 | FLOAT | | |
| 5032 | Apparent energy L1, HT | 1 | FLOAT | | |
| 5034 | Apparent energy L2, HT | 1 | FLOAT | | |
| 5036 | Apparent energy L3, HT | 1 | FLOAT | | |
| 5038 | Apparent energy Sum, HT | 1 | FLOAT | | |
| 5040 | Apparent energy L1, NT | 1 | FLOAT | | |
| 5042 | Apparent energy L2, NT | 1 | FLOAT | | |
| 5044 | Apparent energy L3, NT | 1 | FLOAT | | |
| 5046 | Apparent energy Sum, NT | 1 | FLOAT | | |
| 5048 | Reactive energy L1, ind. | 1 | FLOAT | | |
| 5050 | Reactive energy L2, ind. | 1 | FLOAT | | |
| 5052 | Reactive energy L3, ind. | 1 | FLOAT | | |
| 5054 | Reactive energy Sum, ind. | 1 | FLOAT | | |
| 5056 | Reactive energy L1, ind. HT | 1 | FLOAT | | |
| 5058 | Reactive energy L2, ind. HT | 1 | FLOAT | | |
| 5060 | Reactive energy L3, ind. HT | 1 | FLOAT | | |
| 5062 | Reactive energy Sum, ind. HT | 1 | FLOAT | | |
| 5064 | Reactive energy L1, ind. NT | 1 | FLOAT | | |
| 5066 | Reactive energy L2, ind. NT | 1 | FLOAT | | |
| 5068 | Reactive energy L3, ind. NT | 1 | FLOAT | | |
| 5070 | Reactive energy Sum, ind. NT | 1 | FLOAT | | |
| 5072 | Real energy L1, Supply | 1 | FLOAT | | |
| 5074 | Real energy L2, Supply | 1 | FLOAT | | |
| 5076 | Real energy L3, Supply | 1 | FLOAT | | |
| 5078 | Real energy Sum, Supply | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--|----------------|--------|------|--------|
| 5080 | Reactive energy L1, capacitive | 1 | FLOAT | | |
| 5082 | Reactive energy L2, capacitive | 1 | FLOAT | | |
| 5084 | Reactive energy L3, capacitive | 1 | FLOAT | | |
| 5086 | Reactive energy Sum, capacitive | 1 | FLOAT | | |
| 5088 | Real energy Sum, without return travel block | 1 | FLOAT | | |
| 5090 | Reactive energy Sum, without ret. tra. block | 1 | FLOAT | | |
| 6000 | Real energy L1, Consumption | 1 | DOUBLE | | |
| 6004 | Real energy L2, Consumption | 1 | DOUBLE | | |
| 6008 | Real energy L3, Consumption | 1 | DOUBLE | | |
| 6012 | Real energy Sum, Consumption | 1 | DOUBLE | | |
| 6016 | Real energy L1, Consumption, HT | 1 | DOUBLE | | |
| 6020 | Real energy L2, Consumption, HT | 1 | DOUBLE | | |
| 6024 | Real energy L3, Consumption, HT | 1 | DOUBLE | | |
| 6028 | Real energy Sum, Consumption, HT | 1 | DOUBLE | | |
| 6032 | Real energy L1, Consumption, NT | 1 | DOUBLE | | |
| 6036 | Real energy L2, Consumption, NT | 1 | DOUBLE | | |
| 6040 | Real energy L3, Consumption, NT | 1 | DOUBLE | | |
| 6044 | Real energy Sum, Consumption, NT | 1 | DOUBLE | | |
| 6048 | Apparent energy L1 | 1 | DOUBLE | | |
| 6052 | Apparent energy L2 | 1 | DOUBLE | | |
| 6056 | Apparent energy L3 | 1 | DOUBLE | | |
| 6060 | Apparent energy Sum | 1 | DOUBLE | | |
| 6064 | Apparent energy L1, HT | 1 | DOUBLE | | |
| 6068 | Apparent energy L2, HT | 1 | DOUBLE | | |
| 6072 | Apparent energy L3, HT | 1 | DOUBLE | | |
| 6076 | Apparent energy Sum, HT | 1 | DOUBLE | | |
| 6080 | Apparent energy L1, NT | 1 | DOUBLE | | |
| 6084 | Apparent energy L2, NT | 1 | DOUBLE | | |
| 6088 | Apparent energy L3, NT | 1 | DOUBLE | | |
| 6092 | Apparent energy Sum, NT | 1 | DOUBLE | | |
| 6096 | Reactive energy L1, ind. | 1 | DOUBLE | | |
| 6100 | Reactive energy L2, ind. | 1 | DOUBLE | | |
| 6104 | Reactive energy L3, ind. | 1 | DOUBLE | | |
| 6108 | Reactive energy Sum, ind. | 1 | DOUBLE | | |
| 6112 | Reactive energy L1, ind. HT | 1 | DOUBLE | | |
| 6116 | Reactive energy L2, ind. HT | 1 | DOUBLE | | |
| 6120 | Reactive energy L3, ind. HT | 1 | DOUBLE | | |
| 6124 | Reactive energy Sum, ind. HT | 1 | DOUBLE | | |
| 6128 | Reactive energy L1, ind. NT | 1 | DOUBLE | | |
| 6132 | Reactive energy L2, ind. NT | 1 | DOUBLE | | |
| 6136 | Reactive energy L3, ind. NT | 1 | DOUBLE | | |
| 6140 | Reactive energy Sum, ind. NT | 1 | DOUBLE | | |
| 6144 | Real energy L1, Supply | 1 | DOUBLE | | |
| 6148 | Real energy L2, Supply | 1 | DOUBLE | | |
| 6152 | Real energy L3, Supply | 1 | DOUBLE | | |
| 6156 | Real energy Sum, Supply | 1 | DOUBLE | | |
| 6160 | Reactive energy L1, capacitive | 1 | DOUBLE | | |
| 6164 | Reactive energy L2, capacitive | 1 | DOUBLE | | |
| 6168 | Reactive energy L3, capacitive | 1 | DOUBLE | | |
| 6172 | Reactive energy Sum, capacitive | 1 | DOUBLE | | |
| 6176 | Real energy Sum, without return travel block | 1 | DOUBLE | | |
| 6180 | Reactive energy Sum, without ret. tra. block | 1 | DOUBLE | | |
| 7000 | Highest value curr. L1 | 1 | FLOAT | | |
| 7002 | Highest value curr. L2 | 1 | FLOAT | | |
| 7004 | Highest value curr. L3 | 1 | FLOAT | | |
| 7006 | Time stamp, highest value curr. L1 | | INT | | |
| 7008 | Time stamp, highest value curr. L2 | | INT | | |
| 7010 | Time stamp, highest value curr. L3 | | INT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 7012 | Highest value apparent pow. L1 | 1 | FLOAT | | |
| 7014 | Highest value apparent pow. L2 | 1 | FLOAT | | |
| 7016 | Highest value apparent pow. L3 | 1 | FLOAT | | |
| 7018 | Highest value apparent pow. sum | 1 | FLOAT | | |
| 7020 | Time stamp, highest value apparent pow. L1 | | INT | | |
| 7022 | Time stamp, highest value apparent pow. L2 | | INT | | |
| 7024 | Time stamp, highest value apparent pow. L3 | | INT | | |
| 7026 | Time stamp, highest value apparent pow. sum | | INT | | |
| 7028 | Highest value active pow. L1, consumed | 1 | FLOAT | | |
| 7030 | Highest value active pow. L2, consumed | 1 | FLOAT | | |
| 7032 | Highest value active pow. L3, consumed | 1 | FLOAT | | |
| 7034 | Highest value active pow. sum, consumed | 1 | FLOAT | | |
| 7036 | Time stamp, highest value active pow. L1, consumed | | INT | | |
| 7038 | Time stamp, highest value active pow. L2, consumed | | INT | | |
| 7040 | Time stamp, highest value active pow. L3, consumed | | INT | | |
| 7042 | Time stamp, highest value active pow. sum, consum. | | INT | | |
| 7044 | Highest value active pow. L1, delivered | 1 | FLOAT | | |
| 7046 | Highest value active pow. L2, delivered | 1 | FLOAT | | |
| 7048 | Highest value active pow. L3, delivered | 1 | FLOAT | | |
| 7050 | Highest value active pow. sum, delivered | 1 | FLOAT | | |
| 7052 | Time stamp, highest value active pow. L1, delivered | | INT | | |
| 7054 | Time stamp, highest value active pow. L2, delivered | | INT | | |
| 7056 | Time stamp, highest value active pow. L3, delivered | | INT | | |
| 7058 | Time stamp, highest value active pow. sum, deliv. | | INT | | |
| 7060 | 2. highest value curr. L1 | 1 | FLOAT | | |
| 7062 | 2. highest value curr. L2 | 1 | FLOAT | | |
| 7064 | 2. highest value curr. L3 | 1 | FLOAT | | |
| 7066 | Time stamp, 2. highest value curr. L1 | | INT | | |
| 7068 | Time stamp, 2. highest value curr. L2 | | INT | | |
| 7070 | Time stamp, 2. highest value curr. L3 | | INT | | |
| 7072 | 2. highest value apparent pow. L1 | 1 | FLOAT | | |
| 7074 | 2. highest value apparent pow. L2 | 1 | FLOAT | | |
| 7076 | 2. highest value apparent pow. L3 | 1 | FLOAT | | |
| 7078 | 2. highest value apparent pow. sum | 1 | FLOAT | | |
| 7080 | Time stamp, 2. highest value apparent pow. L1 | | INT | | |
| 7082 | Time stamp, 2. highest value apparent pow. L2 | | INT | | |
| 7084 | Time stamp, 2. highest value apparent pow. L3 | | INT | | |
| 7086 | Time stamp, 2. highest value apparent pow. sum | | INT | | |
| 7088 | 2. highest value active pow. L1, consumed | 1 | FLOAT | | |
| 7090 | 2. highest value active pow. L2, consumed | 1 | FLOAT | | |
| 7092 | 2. highest value active pow. L3, consumed | 1 | FLOAT | | |
| 7094 | 2. highest value active pow. sum, consumed | 1 | FLOAT | | |
| 7096 | Time stamp, 2. highest value active pow. L1, consum. | | INT | | |
| 7098 | Time stamp, 2. highest value active pow. L2, consum. | | INT | | |
| 7100 | Time stamp, 2. highest value active pow. L3, consum. | | INT | | |
| 7102 | Time stamp, 2. highest value active pow. sum, consum. | | INT | | |
| 7104 | 2. highest value active pow. L1, delivered | 1 | FLOAT | | |
| 7106 | 2. highest value active pow. L2, delivered | 1 | FLOAT | | |
| 7108 | 2. highest value active pow. L3, delivered | 1 | FLOAT | | |
| 7110 | 2. highest value active pow. sum, delivered | 1 | FLOAT | | |
| 7112 | Time stamp, 2. highest value active pow. L1, deliv. | | INT | | |
| 7114 | Time stamp, 2. highest value active pow. L2, deliv. | | INT | | |
| 7116 | Time stamp, 2. highest value active pow. L3, deliv. | | INT | | |
| 7118 | Time stamp, 2. highest value active pow. sum, deliv. | | INT | | |
| 7120 | 3. highest value curr. L1 | 1 | FLOAT | | |
| 7122 | 3. highest value curr. L2 | 1 | FLOAT | | |
| 7124 | 3. highest value curr. L3 | 1 | FLOAT | | |
| 7126 | Time stamp, 3. highest value curr. L1 | | INT | | |
| 7128 | Time stamp, 3. highest value curr. L2 | | INT | | |
| 7130 | Time stamp, 3. highest value curr. L3 | | INT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 7132 | 3. highest value apparent pow. L1 | 1 | FLOAT | | |
| 7134 | 3. highest value apparent pow. L2 | 1 | FLOAT | | |
| 7136 | 3. highest value apparent pow. L3 | 1 | FLOAT | | |
| 7138 | 3. highest value apparent pow. sum | 1 | FLOAT | | |
| 7140 | Time stamp, 3. highest value apparent pow. L1 | | INT | | |
| 7142 | Time stamp, 3. highest value apparent pow. L2 | | INT | | |
| 7144 | Time stamp, 3. highest value apparent pow. L3 | | INT | | |
| 7146 | Time stamp, 3. highest value apparent pow. sum | | INT | | |
| 7148 | 3. highest value active pow. L1, consumed | 1 | FLOAT | | |
| 7150 | 3. highest value active pow. L2, consumed | 1 | FLOAT | | |
| 7152 | 3. highest value active pow. L3, consumed | 1 | FLOAT | | |
| 7154 | 3. highest value active pow. sum, consumed | 1 | FLOAT | | |
| 7156 | Time stamp, 3. highest value active pow. L1, consum. | | INT | | |
| 7158 | Time stamp, 3. highest value active pow. L2, consum. | | INT | | |
| 7160 | Time stamp, 3. highest value active pow. L3, consum. | | INT | | |
| 7162 | Time stamp, 3. highest value active pow. sum, consum. | | INT | | |
| 7164 | 3. highest value active pow. L1, delivered | 1 | FLOAT | | |
| 7166 | 3. highest value active pow. L2, delivered | 1 | FLOAT | | |
| 7168 | 3. highest value active pow. L3, delivered | 1 | FLOAT | | |
| 7170 | 3. highest value active pow. sum, delivered | 1 | FLOAT | | |
| 7172 | Time stamp, 3. highest value active pow. L1, deliv. | | INT | | |
| 7174 | Time stamp, 3. highest value active pow. L2, deliv. | | INT | | |
| 7176 | Time stamp, 3. highest value active pow. L3, deliv. | | INT | | |
| 7178 | Time stamp, 3. highest value active pow. sum, deliv. | | INT | | |
| 8000 | 1. Harmonic U L1 | 1 | FLOAT | | |
| 8002 | 2. Harmonic U L1 | 1 | FLOAT | | |
| 8004 | 3. Harmonic U L1 | 1 | FLOAT | | |
| 8006 | 4. Harmonic U L1 | 1 | FLOAT | | |
| 8008 | 5. Harmonic U L1 | 1 | FLOAT | | |
| 8010 | 6. Harmonic U L1 | 1 | FLOAT | | |
| 8012 | 7. Harmonic U L1 | 1 | FLOAT | | |
| 8014 | 8. Harmonic U L1 | 1 | FLOAT | | |
| 8016 | 9. Harmonic U L1 | 1 | FLOAT | | |
| 8018 | 10. Harmonic U L1 | 1 | FLOAT | | |
| 8020 | 11. Harmonic U L1 | 1 | FLOAT | | |
| 8022 | 12. Harmonic U L1 | 1 | FLOAT | | |
| 8024 | 13. Harmonic U L1 | 1 | FLOAT | | |
| 8026 | 14. Harmonic U L1 | 1 | FLOAT | | |
| 8028 | 15. Harmonic U L1 | 1 | FLOAT | | |
| 8030 | 16. Harmonic U L1 | 1 | FLOAT | | |
| 8032 | 17. Harmonic U L1 | 1 | FLOAT | | |
| 8034 | 18. Harmonic U L1 | 1 | FLOAT | | |
| 8036 | 19. Harmonic U L1 | 1 | FLOAT | | |
| 8038 | 20. Harmonic U L1 | 1 | FLOAT | | |
| 8040 | 21. Harmonic U L1 | 1 | FLOAT | | |
| 8042 | 22. Harmonic U L1 | 1 | FLOAT | | |
| 8044 | 23. Harmonic U L1 | 1 | FLOAT | | |
| 8046 | 24. Harmonic U L1 | 1 | FLOAT | | |
| 8048 | 25. Harmonic U L1 | 1 | FLOAT | | |
| 8050 | 26. Harmonic U L1 | 1 | FLOAT | | |
| 8052 | 27. Harmonic U L1 | 1 | FLOAT | | |
| 8054 | 28. Harmonic U L1 | 1 | FLOAT | | |
| 8056 | 29. Harmonic U L1 | 1 | FLOAT | | |
| 8058 | 30. Harmonic U L1 | 1 | FLOAT | | |
| 8060 | 31. Harmonic U L1 | 1 | FLOAT | | |
| 8062 | 32. Harmonic U L1 | 1 | FLOAT | | |
| 8064 | 33. Harmonic U L1 | 1 | FLOAT | | |
| 8066 | 34. Harmonic U L1 | 1 | FLOAT | | |
| 8068 | 35. Harmonic U L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|-------------------|----------------|-------|------|--------|
| 8070 | 36. Harmonic U L1 | 1 | FLOAT | | |
| 8072 | 37. Harmonic U L1 | 1 | FLOAT | | |
| 8074 | 38. Harmonic U L1 | 1 | FLOAT | | |
| 8076 | 39. Harmonic U L1 | 1 | FLOAT | | |
| 8078 | 40. Harmonic U L1 | 1 | FLOAT | | |
| 8080 | 1. Harmonic U L2 | 1 | FLOAT | | |
| 8082 | 2. Harmonic U L2 | 1 | FLOAT | | |
| 8084 | 3. Harmonic U L2 | 1 | FLOAT | | |
| 8086 | 4. Harmonic U L2 | 1 | FLOAT | | |
| 8088 | 5. Harmonic U L2 | 1 | FLOAT | | |
| 8090 | 6. Harmonic U L2 | 1 | FLOAT | | |
| 8092 | 7. Harmonic U L2 | 1 | FLOAT | | |
| 8094 | 8. Harmonic U L2 | 1 | FLOAT | | |
| 8096 | 9. Harmonic U L2 | 1 | FLOAT | | |
| 8098 | 10. Harmonic U L2 | 1 | FLOAT | | |
| 8100 | 11. Harmonic U L2 | 1 | FLOAT | | |
| 8102 | 12. Harmonic U L2 | 1 | FLOAT | | |
| 8104 | 13. Harmonic U L2 | 1 | FLOAT | | |
| 8106 | 14. Harmonic U L2 | 1 | FLOAT | | |
| 8108 | 15. Harmonic U L2 | 1 | FLOAT | | |
| 8110 | 16. Harmonic U L2 | 1 | FLOAT | | |
| 8112 | 17. Harmonic U L2 | 1 | FLOAT | | |
| 8114 | 18. Harmonic U L2 | 1 | FLOAT | | |
| 8116 | 19. Harmonic U L2 | 1 | FLOAT | | |
| 8118 | 20. Harmonic U L2 | 1 | FLOAT | | |
| 8120 | 21. Harmonic U L2 | 1 | FLOAT | | |
| 8122 | 22. Harmonic U L2 | 1 | FLOAT | | |
| 8124 | 23. Harmonic U L2 | 1 | FLOAT | | |
| 8126 | 24. Harmonic U L2 | 1 | FLOAT | | |
| 8128 | 25. Harmonic U L2 | 1 | FLOAT | | |
| 8130 | 26. Harmonic U L2 | 1 | FLOAT | | |
| 8132 | 27. Harmonic U L2 | 1 | FLOAT | | |
| 8134 | 28. Harmonic U L2 | 1 | FLOAT | | |
| 8136 | 29. Harmonic U L2 | 1 | FLOAT | | |
| 8138 | 30. Harmonic U L2 | 1 | FLOAT | | |
| 8140 | 31. Harmonic U L2 | 1 | FLOAT | | |
| 8142 | 32. Harmonic U L2 | 1 | FLOAT | | |
| 8144 | 33. Harmonic U L2 | 1 | FLOAT | | |
| 8146 | 34. Harmonic U L2 | 1 | FLOAT | | |
| 8148 | 35. Harmonic U L2 | 1 | FLOAT | | |
| 8150 | 36. Harmonic U L2 | 1 | FLOAT | | |
| 8152 | 37. Harmonic U L2 | 1 | FLOAT | | |
| 8150 | 38. Harmonic U L2 | 1 | FLOAT | | |
| 8156 | 39. Harmonic U L2 | 1 | FLOAT | | |
| 8158 | 40. Harmonic U L2 | 1 | FLOAT | | |
| 8160 | 1. Harmonic U L3 | 1 | FLOAT | | |
| 8162 | 2. Harmonic U L3 | 1 | FLOAT | | |
| 8164 | 3. Harmonic U L3 | 1 | FLOAT | | |
| 8166 | 4. Harmonic U L3 | 1 | FLOAT | | |
| 8168 | 5. Harmonic U L3 | 1 | FLOAT | | |
| 8170 | 6. Harmonic U L3 | 1 | FLOAT | | |
| 8172 | 7. Harmonic U L3 | 1 | FLOAT | | |
| 8174 | 8. Harmonic U L3 | 1 | FLOAT | | |
| 8176 | 9. Harmonic U L3 | 1 | FLOAT | | |
| 8178 | 10. Harmonic U L3 | 1 | FLOAT | | |
| 8180 | 11. Harmonic U L3 | 1 | FLOAT | | |
| 8182 | 12. Harmonic U L3 | 1 | FLOAT | | |
| 8184 | 13. Harmonic U L3 | 1 | FLOAT | | |
| 8186 | 14. Harmonic U L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|-------------------|----------------|-------|------|--------|
| 8188 | 15. Harmonic U L3 | 1 | FLOAT | | |
| 8190 | 16. Harmonic U L3 | 1 | FLOAT | | |
| 8192 | 17. Harmonic U L3 | 1 | FLOAT | | |
| 8194 | 18. Harmonic U L3 | 1 | FLOAT | | |
| 8196 | 19. Harmonic U L3 | 1 | FLOAT | | |
| 8198 | 20. Harmonic U L3 | 1 | FLOAT | | |
| 8200 | 21. Harmonic U L3 | 1 | FLOAT | | |
| 8202 | 22. Harmonic U L3 | 1 | FLOAT | | |
| 8204 | 23. Harmonic U L3 | 1 | FLOAT | | |
| 8206 | 24. Harmonic U L3 | 1 | FLOAT | | |
| 8208 | 25. Harmonic U L3 | 1 | FLOAT | | |
| 8210 | 26. Harmonic U L3 | 1 | FLOAT | | |
| 8212 | 27. Harmonic U L3 | 1 | FLOAT | | |
| 8214 | 28. Harmonic U L3 | 1 | FLOAT | | |
| 8216 | 29. Harmonic U L3 | 1 | FLOAT | | |
| 8218 | 30. Harmonic U L3 | 1 | FLOAT | | |
| 8220 | 31. Harmonic U L3 | 1 | FLOAT | | |
| 8222 | 32. Harmonic U L3 | 1 | FLOAT | | |
| 8224 | 33. Harmonic U L3 | 1 | FLOAT | | |
| 8226 | 34. Harmonic U L3 | 1 | FLOAT | | |
| 8228 | 35. Harmonic U L3 | 1 | FLOAT | | |
| 8230 | 36. Harmonic U L3 | 1 | FLOAT | | |
| 8232 | 37. Harmonic U L3 | 1 | FLOAT | | |
| 8230 | 38. Harmonic U L3 | 1 | FLOAT | | |
| 8236 | 39. Harmonic U L3 | 1 | FLOAT | | |
| 8238 | 40. Harmonic U L3 | 1 | FLOAT | | |
| 8240 | 1. Harmonic I L1 | 1 | FLOAT | | |
| 8242 | 2. Harmonic I L1 | 1 | FLOAT | | |
| 8244 | 3. Harmonic I L1 | 1 | FLOAT | | |
| 8246 | 4. Harmonic I L1 | 1 | FLOAT | | |
| 8248 | 5. Harmonic I L1 | 1 | FLOAT | | |
| 8250 | 6. Harmonic I L1 | 1 | FLOAT | | |
| 8252 | 7. Harmonic I L1 | 1 | FLOAT | | |
| 8254 | 8. Harmonic I L1 | 1 | FLOAT | | |
| 8256 | 9. Harmonic I L1 | 1 | FLOAT | | |
| 8258 | 10. Harmonic I L1 | 1 | FLOAT | | |
| 8260 | 11. Harmonic I L1 | 1 | FLOAT | | |
| 8262 | 12. Harmonic I L1 | 1 | FLOAT | | |
| 8264 | 13. Harmonic I L1 | 1 | FLOAT | | |
| 8266 | 14. Harmonic I L1 | 1 | FLOAT | | |
| 8268 | 15. Harmonic I L1 | 1 | FLOAT | | |
| 8270 | 16. Harmonic I L1 | 1 | FLOAT | | |
| 8272 | 17. Harmonic I L1 | 1 | FLOAT | | |
| 8274 | 18. Harmonic I L1 | 1 | FLOAT | | |
| 8276 | 19. Harmonic I L1 | 1 | FLOAT | | |
| 8278 | 20. Harmonic I L1 | 1 | FLOAT | | |
| 8280 | 21. Harmonic I L1 | 1 | FLOAT | | |
| 8282 | 22. Harmonic I L1 | 1 | FLOAT | | |
| 8284 | 23. Harmonic I L1 | 1 | FLOAT | | |
| 8286 | 24. Harmonic I L1 | 1 | FLOAT | | |
| 8288 | 25. Harmonic I L1 | 1 | FLOAT | | |
| 8290 | 26. Harmonic I L1 | 1 | FLOAT | | |
| 8292 | 27. Harmonic I L1 | 1 | FLOAT | | |
| 8294 | 28. Harmonic I L1 | 1 | FLOAT | | |
| 8296 | 29. Harmonic I L1 | 1 | FLOAT | | |
| 8298 | 30. Harmonic I L1 | 1 | FLOAT | | |
| 8300 | 31. Harmonic I L1 | 1 | FLOAT | | |
| 8302 | 32. Harmonic I L1 | 1 | FLOAT | | |
| 8304 | 33. Harmonic I L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|-------------------|----------------|-------|------|--------|
| 8306 | 34. Harmonic I L1 | 1 | FLOAT | | |
| 8308 | 35. Harmonic I L1 | 1 | FLOAT | | |
| 8310 | 36. Harmonic I L1 | 1 | FLOAT | | |
| 8312 | 37. Harmonic I L1 | 1 | FLOAT | | |
| 8314 | 38. Harmonic I L1 | 1 | FLOAT | | |
| 8316 | 39. Harmonic I L1 | 1 | FLOAT | | |
| 8318 | 40. Harmonic I L1 | 1 | FLOAT | | |
| 8320 | 1. Harmonic I L2 | 1 | FLOAT | | |
| 8322 | 2. Harmonic I L2 | 1 | FLOAT | | |
| 8324 | 3. Harmonic I L2 | 1 | FLOAT | | |
| 8326 | 4. Harmonic I L2 | 1 | FLOAT | | |
| 8328 | 5. Harmonic I L2 | 1 | FLOAT | | |
| 8330 | 6. Harmonic I L2 | 1 | FLOAT | | |
| 8332 | 7. Harmonic I L2 | 1 | FLOAT | | |
| 8334 | 8. Harmonic I L2 | 1 | FLOAT | | |
| 8336 | 9. Harmonic I L2 | 1 | FLOAT | | |
| 8338 | 10. Harmonic I L2 | 1 | FLOAT | | |
| 8340 | 11. Harmonic I L2 | 1 | FLOAT | | |
| 8342 | 12. Harmonic I L2 | 1 | FLOAT | | |
| 8344 | 13. Harmonic I L2 | 1 | FLOAT | | |
| 8346 | 14. Harmonic I L2 | 1 | FLOAT | | |
| 8348 | 15. Harmonic I L2 | 1 | FLOAT | | |
| 8350 | 16. Harmonic I L2 | 1 | FLOAT | | |
| 8352 | 17. Harmonic I L2 | 1 | FLOAT | | |
| 8354 | 18. Harmonic I L2 | 1 | FLOAT | | |
| 8356 | 19. Harmonic I L2 | 1 | FLOAT | | |
| 8358 | 20. Harmonic I L2 | 1 | FLOAT | | |
| 8360 | 21. Harmonic I L2 | 1 | FLOAT | | |
| 8362 | 22. Harmonic I L2 | 1 | FLOAT | | |
| 8364 | 23. Harmonic I L2 | 1 | FLOAT | | |
| 8366 | 24. Harmonic I L2 | 1 | FLOAT | | |
| 8368 | 25. Harmonic I L2 | 1 | FLOAT | | |
| 8370 | 26. Harmonic I L2 | 1 | FLOAT | | |
| 8372 | 27. Harmonic I L2 | 1 | FLOAT | | |
| 8374 | 28. Harmonic I L2 | 1 | FLOAT | | |
| 8376 | 29. Harmonic I L2 | 1 | FLOAT | | |
| 8378 | 30. Harmonic I L2 | 1 | FLOAT | | |
| 8380 | 31. Harmonic I L2 | 1 | FLOAT | | |
| 8382 | 32. Harmonic I L2 | 1 | FLOAT | | |
| 8384 | 33. Harmonic I L2 | 1 | FLOAT | | |
| 8386 | 34. Harmonic I L2 | 1 | FLOAT | | |
| 8388 | 35. Harmonic I L2 | 1 | FLOAT | | |
| 8390 | 36. Harmonic I L2 | 1 | FLOAT | | |
| 8392 | 37. Harmonic I L2 | 1 | FLOAT | | |
| 8394 | 38. Harmonic I L2 | 1 | FLOAT | | |
| 8396 | 39. Harmonic I L2 | 1 | FLOAT | | |
| 8398 | 40. Harmonic I L2 | 1 | FLOAT | | |
| 8400 | 1. Harmonic I L3 | 1 | FLOAT | | |
| 8402 | 2. Harmonic I L3 | 1 | FLOAT | | |
| 8404 | 3. Harmonic I L3 | 1 | FLOAT | | |
| 8406 | 4. Harmonic I L3 | 1 | FLOAT | | |
| 8408 | 5. Harmonic I L3 | 1 | FLOAT | | |
| 8410 | 6. Harmonic I L3 | 1 | FLOAT | | |
| 8412 | 7. Harmonic I L3 | 1 | FLOAT | | |
| 8414 | 8. Harmonic I L3 | 1 | FLOAT | | |
| 8416 | 9. Harmonic I L3 | 1 | FLOAT | | |
| 8418 | 10. Harmonic I L3 | 1 | FLOAT | | |
| 8420 | 11. Harmonic I L3 | 1 | FLOAT | | |
| 8422 | 12. Harmonic I L3 | 1 | FLOAT | | |
| 8424 | 13. Harmonic I L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 8426 | 14. Harmonic I L3 | 1 | FLOAT | | |
| 8428 | 15. Harmonic I L3 | 1 | FLOAT | | |
| 8430 | 16. Harmonic I L3 | 1 | FLOAT | | |
| 8432 | 17. Harmonic I L3 | 1 | FLOAT | | |
| 8434 | 18. Harmonic I L3 | 1 | FLOAT | | |
| 8436 | 19. Harmonic I L3 | 1 | FLOAT | | |
| 8438 | 20. Harmonic I L3 | 1 | FLOAT | | |
| 8440 | 21. Harmonic I L3 | 1 | FLOAT | | |
| 8442 | 22. Harmonic I L3 | 1 | FLOAT | | |
| 8444 | 23. Harmonic I L3 | 1 | FLOAT | | |
| 8446 | 24. Harmonic I L3 | 1 | FLOAT | | |
| 8448 | 25. Harmonic I L3 | 1 | FLOAT | | |
| 8450 | 26. Harmonic I L3 | 1 | FLOAT | | |
| 8452 | 27. Harmonic I L3 | 1 | FLOAT | | |
| 8454 | 28. Harmonic I L3 | 1 | FLOAT | | |
| 8456 | 29. Harmonic I L3 | 1 | FLOAT | | |
| 8458 | 30. Harmonic I L3 | 1 | FLOAT | | |
| 8460 | 31. Harmonic I L3 | 1 | FLOAT | | |
| 8462 | 32. Harmonic I L3 | 1 | FLOAT | | |
| 8464 | 33. Harmonic I L3 | 1 | FLOAT | | |
| 8466 | 34. Harmonic I L3 | 1 | FLOAT | | |
| 8468 | 35. Harmonic I L3 | 1 | FLOAT | | |
| 8470 | 36. Harmonic I L3 | 1 | FLOAT | | |
| 8472 | 37. Harmonic I L3 | 1 | FLOAT | | |
| 8474 | 38. Harmonic I L3 | 1 | FLOAT | | |
| 8476 | 39. Harmonic I L3 | 1 | FLOAT | | |
| 8478 | 40. Harmonic I L3 | 1 | FLOAT | | |
| 8480 | Mean value 1. Harmonic U L1 | 1 | FLOAT | | |
| 8482 | Mean value 2. Harmonic U L1 | 1 | FLOAT | | |
| 8484 | Mean value 3. Harmonic U L1 | 1 | FLOAT | | |
| 8486 | Mean value 4. Harmonic U L1 | 1 | FLOAT | | |
| 8488 | Mean value 5. Harmonic U L1 | 1 | FLOAT | | |
| 8490 | Mean value 6. Harmonic U L1 | 1 | FLOAT | | |
| 8492 | Mean value 7. Harmonic U L1 | 1 | FLOAT | | |
| 8494 | Mean value 8. Harmonic U L1 | 1 | FLOAT | | |
| 8496 | Mean value 9. Harmonic U L1 | 1 | FLOAT | | |
| 8498 | Mean value 10. Harmonic U L1 | 1 | FLOAT | | |
| 8500 | Mean value 11. Harmonic U L1 | 1 | FLOAT | | |
| 8502 | Mean value 12. Harmonic U L1 | 1 | FLOAT | | |
| 8504 | Mean value 13. Harmonic U L1 | 1 | FLOAT | | |
| 8506 | Mean value 14. Harmonic U L1 | 1 | FLOAT | | |
| 8508 | Mean value 15. Harmonic U L1 | 1 | FLOAT | | |
| 8510 | Mean value 16. Harmonic U L1 | 1 | FLOAT | | |
| 8512 | Mean value 17. Harmonic U L1 | 1 | FLOAT | | |
| 8514 | Mean value 18. Harmonic U L1 | 1 | FLOAT | | |
| 8516 | Mean value 19. Harmonic U L1 | 1 | FLOAT | | |
| 8518 | Mean value 20. Harmonic U L1 | 1 | FLOAT | | |
| 8520 | Mean value 21. Harmonic U L1 | 1 | FLOAT | | |
| 8522 | Mean value 22. Harmonic U L1 | 1 | FLOAT | | |
| 8524 | Mean value 23. Harmonic U L1 | 1 | FLOAT | | |
| 8526 | Mean value 24. Harmonic U L1 | 1 | FLOAT | | |
| 8528 | Mean value 25. Harmonic U L1 | 1 | FLOAT | | |
| 8530 | Mean value 26. Harmonic U L1 | 1 | FLOAT | | |
| 8532 | Mean value 27. Harmonic U L1 | 1 | FLOAT | | |
| 8534 | Mean value 28. Harmonic U L1 | 1 | FLOAT | | |
| 8536 | Mean value 29. Harmonic U L1 | 1 | FLOAT | | |
| 8538 | Mean value 30. Harmonic U L1 | 1 | FLOAT | | |
| 8540 | Mean value 31. Harmonic U L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 8542 | Mean value 32. Harmonic U L1 | 1 | FLOAT | | |
| 8544 | Mean value 33. Harmonic U L1 | 1 | FLOAT | | |
| 8546 | Mean value 34. Harmonic U L1 | 1 | FLOAT | | |
| 8548 | Mean value 35. Harmonic U L1 | 1 | FLOAT | | |
| 8550 | Mean value 36. Harmonic U L1 | 1 | FLOAT | | |
| 8552 | Mean value 37. Harmonic U L1 | 1 | FLOAT | | |
| 8554 | Mean value 38. Harmonic U L1 | 1 | FLOAT | | |
| 8556 | Mean value 39. Harmonic U L1 | 1 | FLOAT | | |
| 8558 | Mean value 40. Harmonic U L1 | 1 | FLOAT | | |
| 8560 | Mean value 1. Harmonic U L2 | 1 | FLOAT | | |
| 8562 | Mean value 2. Harmonic U L2 | 1 | FLOAT | | |
| 8564 | Mean value 3. Harmonic U L2 | 1 | FLOAT | | |
| 8566 | Mean value 4. Harmonic U L2 | 1 | FLOAT | | |
| 8568 | Mean value 5. Harmonic U L2 | 1 | FLOAT | | |
| 8570 | Mean value 6. Harmonic U L2 | 1 | FLOAT | | |
| 8572 | Mean value 7. Harmonic U L2 | 1 | FLOAT | | |
| 8574 | Mean value 8. Harmonic U L2 | 1 | FLOAT | | |
| 8576 | Mean value 9. Harmonic U L2 | 1 | FLOAT | | |
| 8578 | Mean value 10. Harmonic U L2 | 1 | FLOAT | | |
| 8580 | Mean value 11. Harmonic U L2 | 1 | FLOAT | | |
| 8582 | Mean value 12. Harmonic U L2 | 1 | FLOAT | | |
| 8584 | Mean value 13. Harmonic U L2 | 1 | FLOAT | | |
| 8586 | Mean value 14. Harmonic U L2 | 1 | FLOAT | | |
| 8588 | Mean value 15. Harmonic U L2 | 1 | FLOAT | | |
| 8590 | Mean value 16. Harmonic U L2 | 1 | FLOAT | | |
| 8592 | Mean value 17. Harmonic U L2 | 1 | FLOAT | | |
| 8594 | Mean value 18. Harmonic U L2 | 1 | FLOAT | | |
| 8596 | Mean value 19. Harmonic U L2 | 1 | FLOAT | | |
| 8598 | Mean value 20. Harmonic U L2 | 1 | FLOAT | | |
| 8600 | Mean value 21. Harmonic U L2 | 1 | FLOAT | | |
| 8602 | Mean value 22. Harmonic U L2 | 1 | FLOAT | | |
| 8604 | Mean value 23. Harmonic U L2 | 1 | FLOAT | | |
| 8606 | Mean value 24. Harmonic U L2 | 1 | FLOAT | | |
| 8608 | Mean value 25. Harmonic U L2 | 1 | FLOAT | | |
| 8610 | Mean value 26. Harmonic U L2 | 1 | FLOAT | | |
| 8612 | Mean value 27. Harmonic U L2 | 1 | FLOAT | | |
| 8614 | Mean value 28. Harmonic U L2 | 1 | FLOAT | | |
| 8616 | Mean value 29. Harmonic U L2 | 1 | FLOAT | | |
| 8618 | Mean value 30. Harmonic U L2 | 1 | FLOAT | | |
| 8620 | Mean value 31. Harmonic U L2 | 1 | FLOAT | | |
| 8622 | Mean value 32. Harmonic U L2 | 1 | FLOAT | | |
| 8624 | Mean value 33. Harmonic U L2 | 1 | FLOAT | | |
| 8626 | Mean value 34. Harmonic U L2 | 1 | FLOAT | | |
| 8628 | Mean value 35. Harmonic U L2 | 1 | FLOAT | | |
| 8630 | Mean value 36. Harmonic U L2 | 1 | FLOAT | | |
| 8632 | Mean value 37. Harmonic U L2 | 1 | FLOAT | | |
| 8634 | Mean value 38. Harmonic U L2 | 1 | FLOAT | | |
| 8636 | Mean value 39. Harmonic U L2 | 1 | FLOAT | | |
| 8638 | Mean value 40. Harmonic U L2 | 1 | FLOAT | | |
| 8640 | Mean value 1. Harmonic U L3 | 1 | FLOAT | | |
| 8642 | Mean value 2. Harmonic U L3 | 1 | FLOAT | | |
| 8644 | Mean value 3. Harmonic U L3 | 1 | FLOAT | | |
| 8646 | Mean value 4. Harmonic U L3 | 1 | FLOAT | | |
| 8648 | Mean value 5. Harmonic U L3 | 1 | FLOAT | | |
| 8650 | Mean value 6. Harmonic U L3 | 1 | FLOAT | | |
| 8652 | Mean value 7. Harmonic U L3 | 1 | FLOAT | | |
| 8654 | Mean value 8. Harmonic U L3 | 1 | FLOAT | | |
| 8656 | Mean value 9. Harmonic U L3 | 1 | FLOAT | | |
| 8658 | Mean value 10. Harmonic U L3 | 1 | FLOAT | | |
| 8660 | Mean value 11. Harmonic U L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 8662 | Mean value 12. Harmonic U L3 | 1 | FLOAT | | |
| 8664 | Mean value 13. Harmonic U L3 | 1 | FLOAT | | |
| 8666 | Mean value 14. Harmonic U L3 | 1 | FLOAT | | |
| 8668 | Mean value 15. Harmonic U L3 | 1 | FLOAT | | |
| 8670 | Mean value 16. Harmonic U L3 | 1 | FLOAT | | |
| 8672 | Mean value 17. Harmonic U L3 | 1 | FLOAT | | |
| 8674 | Mean value 18. Harmonic U L3 | 1 | FLOAT | | |
| 8676 | Mean value 19. Harmonic U L3 | 1 | FLOAT | | |
| 8678 | Mean value 20. Harmonic U L3 | 1 | FLOAT | | |
| 8680 | Mean value 21. Harmonic U L3 | 1 | FLOAT | | |
| 8682 | Mean value 22. Harmonic U L3 | 1 | FLOAT | | |
| 8684 | Mean value 23. Harmonic U L3 | 1 | FLOAT | | |
| 8686 | Mean value 24. Harmonic U L3 | 1 | FLOAT | | |
| 8688 | Mean value 25. Harmonic U L3 | 1 | FLOAT | | |
| 8690 | Mean value 26. Harmonic U L3 | 1 | FLOAT | | |
| 8692 | Mean value 27. Harmonic U L3 | 1 | FLOAT | | |
| 8694 | Mean value 28. Harmonic U L3 | 1 | FLOAT | | |
| 8696 | Mean value 29. Harmonic U L3 | 1 | FLOAT | | |
| 8698 | Mean value 30. Harmonic U L3 | 1 | FLOAT | | |
| 8700 | Mean value 31. Harmonic U L3 | 1 | FLOAT | | |
| 8702 | Mean value 32. Harmonic U L3 | 1 | FLOAT | | |
| 8704 | Mean value 33. Harmonic U L3 | 1 | FLOAT | | |
| 8706 | Mean value 34. Harmonic U L3 | 1 | FLOAT | | |
| 8708 | Mean value 35. Harmonic U L3 | 1 | FLOAT | | |
| 8710 | Mean value 36. Harmonic U L3 | 1 | FLOAT | | |
| 8712 | Mean value 37. Harmonic U L3 | 1 | FLOAT | | |
| 8714 | Mean value 38. Harmonic U L3 | 1 | FLOAT | | |
| 8716 | Mean value 39. Harmonic U L3 | 1 | FLOAT | | |
| 8718 | Mean value 40. Harmonic U L3 | 1 | FLOAT | | |
| 8720 | Mean value 1. Harmonic I L1 | 1 | FLOAT | | |
| 8722 | Mean value 2. Harmonic I L1 | 1 | FLOAT | | |
| 8724 | Mean value 3. Harmonic I L1 | 1 | FLOAT | | |
| 8726 | Mean value 4. Harmonic I L1 | 1 | FLOAT | | |
| 8728 | Mean value 5. Harmonic I L1 | 1 | FLOAT | | |
| 8730 | Mean value 6. Harmonic I L1 | 1 | FLOAT | | |
| 8732 | Mean value 7. Harmonic I L1 | 1 | FLOAT | | |
| 8734 | Mean value 8. Harmonic I L1 | 1 | FLOAT | | |
| 8736 | Mean value 9. Harmonic I L1 | 1 | FLOAT | | |
| 8738 | Mean value 10. Harmonic I L1 | 1 | FLOAT | | |
| 8740 | Mean value 11. Harmonic I L1 | 1 | FLOAT | | |
| 8742 | Mean value 12. Harmonic I L1 | 1 | FLOAT | | |
| 8744 | Mean value 13. Harmonic I L1 | 1 | FLOAT | | |
| 8746 | Mean value 14. Harmonic I L1 | 1 | FLOAT | | |
| 8748 | Mean value 15. Harmonic I L1 | 1 | FLOAT | | |
| 8750 | Mean value 16. Harmonic I L1 | 1 | FLOAT | | |
| 8752 | Mean value 17. Harmonic I L1 | 1 | FLOAT | | |
| 8754 | Mean value 18. Harmonic I L1 | 1 | FLOAT | | |
| 8756 | Mean value 19. Harmonic I L1 | 1 | FLOAT | | |
| 8758 | Mean value 20. Harmonic I L1 | 1 | FLOAT | | |
| 8760 | Mean value 21. Harmonic I L1 | 1 | FLOAT | | |
| 8762 | Mean value 22. Harmonic I L1 | 1 | FLOAT | | |
| 8764 | Mean value 23. Harmonic I L1 | 1 | FLOAT | | |
| 8766 | Mean value 24. Harmonic I L1 | 1 | FLOAT | | |
| 8768 | Mean value 25. Harmonic I L1 | 1 | FLOAT | | |
| 8770 | Mean value 26. Harmonic I L1 | 1 | FLOAT | | |
| 8772 | Mean value 27. Harmonic I L1 | 1 | FLOAT | | |
| 8774 | Mean value 28. Harmonic I L1 | 1 | FLOAT | | |
| 8776 | Mean value 29. Harmonic I L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 8778 | Mean value 30. Harmonic I L1 | 1 | FLOAT | | |
| 8780 | Mean value 31. Harmonic I L1 | 1 | FLOAT | | |
| 8782 | Mean value 32. Harmonic I L1 | 1 | FLOAT | | |
| 8784 | Mean value 33. Harmonic I L1 | 1 | FLOAT | | |
| 8786 | Mean value 34. Harmonic I L1 | 1 | FLOAT | | |
| 8788 | Mean value 35. Harmonic I L1 | 1 | FLOAT | | |
| 8790 | Mean value 36. Harmonic I L1 | 1 | FLOAT | | |
| 8792 | Mean value 37. Harmonic I L1 | 1 | FLOAT | | |
| 8794 | Mean value 38. Harmonic I L1 | 1 | FLOAT | | |
| 8796 | Mean value 39. Harmonic I L1 | 1 | FLOAT | | |
| 8798 | Mean value 40. Harmonic I L1 | 1 | FLOAT | | |
| 8800 | Mean value 1. Harmonic I L2 | 1 | FLOAT | | |
| 8802 | Mean value 2. Harmonic I L2 | 1 | FLOAT | | |
| 8804 | Mean value 3. Harmonic I L2 | 1 | FLOAT | | |
| 8806 | Mean value 4. Harmonic I L2 | 1 | FLOAT | | |
| 8808 | Mean value 5. Harmonic I L2 | 1 | FLOAT | | |
| 8810 | Mean value 6. Harmonic I L2 | 1 | FLOAT | | |
| 8812 | Mean value 7. Harmonic I L2 | 1 | FLOAT | | |
| 8814 | Mean value 8. Harmonic I L2 | 1 | FLOAT | | |
| 8816 | Mean value 9. Harmonic I L2 | 1 | FLOAT | | |
| 8818 | Mean value 10. Harmonic I L2 | 1 | FLOAT | | |
| 8820 | Mean value 11. Harmonic I L2 | 1 | FLOAT | | |
| 8822 | Mean value 12. Harmonic I L2 | 1 | FLOAT | | |
| 8824 | Mean value 13. Harmonic I L2 | 1 | FLOAT | | |
| 8826 | Mean value 14. Harmonic I L2 | 1 | FLOAT | | |
| 8828 | Mean value 15. Harmonic I L2 | 1 | FLOAT | | |
| 8830 | Mean value 16. Harmonic I L2 | 1 | FLOAT | | |
| 8832 | Mean value 17. Harmonic I L2 | 1 | FLOAT | | |
| 8834 | Mean value 18. Harmonic I L2 | 1 | FLOAT | | |
| 8836 | Mean value 19. Harmonic I L2 | 1 | FLOAT | | |
| 8838 | Mean value 20. Harmonic I L2 | 1 | FLOAT | | |
| 8840 | Mean value 21. Harmonic I L2 | 1 | FLOAT | | |
| 8842 | Mean value 22. Harmonic I L2 | 1 | FLOAT | | |
| 8844 | Mean value 23. Harmonic I L2 | 1 | FLOAT | | |
| 8846 | Mean value 24. Harmonic I L2 | 1 | FLOAT | | |
| 8848 | Mean value 25. Harmonic I L2 | 1 | FLOAT | | |
| 8850 | Mean value 26. Harmonic I L2 | 1 | FLOAT | | |
| 8852 | Mean value 27. Harmonic I L2 | 1 | FLOAT | | |
| 8854 | Mean value 28. Harmonic I L2 | 1 | FLOAT | | |
| 8856 | Mean value 29. Harmonic I L2 | 1 | FLOAT | | |
| 8858 | Mean value 30. Harmonic I L2 | 1 | FLOAT | | |
| 8860 | Mean value 31. Harmonic I L2 | 1 | FLOAT | | |
| 8862 | Mean value 32. Harmonic I L2 | 1 | FLOAT | | |
| 8864 | Mean value 33. Harmonic I L2 | 1 | FLOAT | | |
| 8866 | Mean value 34. Harmonic I L2 | 1 | FLOAT | | |
| 8868 | Mean value 35. Harmonic I L2 | 1 | FLOAT | | |
| 8870 | Mean value 36. Harmonic I L2 | 1 | FLOAT | | |
| 8872 | Mean value 37. Harmonic I L2 | 1 | FLOAT | | |
| 8874 | Mean value 38. Harmonic I L2 | 1 | FLOAT | | |
| 8876 | Mean value 39. Harmonic I L2 | 1 | FLOAT | | |
| 8878 | Mean value 40. Harmonic I L2 | 1 | FLOAT | | |
| 8880 | Mean value 1. Harmonic I L3 | 1 | FLOAT | | |
| 8882 | Mean value 2. Harmonic I L3 | 1 | FLOAT | | |
| 8884 | Mean value 3. Harmonic I L3 | 1 | FLOAT | | |
| 8886 | Mean value 4. Harmonic I L3 | 1 | FLOAT | | |
| 8888 | Mean value 5. Harmonic I L3 | 1 | FLOAT | | |
| 8890 | Mean value 6. Harmonic I L3 | 1 | FLOAT | | |
| 8892 | Mean value 7. Harmonic I L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 8894 | Mean value 8. Harmonic I L3 | 1 | FLOAT | | |
| 8896 | Mean value 9. Harmonic I L3 | 1 | FLOAT | | |
| 8898 | Mean value 10. Harmonic I L3 | 1 | FLOAT | | |
| 8900 | Mean value 11. Harmonic I L3 | 1 | FLOAT | | |
| 8902 | Mean value 12. Harmonic I L3 | 1 | FLOAT | | |
| 8904 | Mean value 13. Harmonic I L3 | 1 | FLOAT | | |
| 8906 | Mean value 14. Harmonic I L3 | 1 | FLOAT | | |
| 8908 | Mean value 15. Harmonic I L3 | 1 | FLOAT | | |
| 8910 | Mean value 16. Harmonic I L3 | 1 | FLOAT | | |
| 8912 | Mean value 17. Harmonic I L3 | 1 | FLOAT | | |
| 8914 | Mean value 18. Harmonic I L3 | 1 | FLOAT | | |
| 8916 | Mean value 19. Harmonic I L3 | 1 | FLOAT | | |
| 8918 | Mean value 20. Harmonic I L3 | 1 | FLOAT | | |
| 8920 | Mean value 21. Harmonic I L3 | 1 | FLOAT | | |
| 8922 | Mean value 22. Harmonic I L3 | 1 | FLOAT | | |
| 8924 | Mean value 23. Harmonic I L3 | 1 | FLOAT | | |
| 8926 | Mean value 24. Harmonic I L3 | 1 | FLOAT | | |
| 8928 | Mean value 25. Harmonic I L3 | 1 | FLOAT | | |
| 8930 | Mean value 26. Harmonic I L3 | 1 | FLOAT | | |
| 8932 | Mean value 27. Harmonic I L3 | 1 | FLOAT | | |
| 8934 | Mean value 28. Harmonic I L3 | 1 | FLOAT | | |
| 8936 | Mean value 29. Harmonic I L3 | 1 | FLOAT | | |
| 8938 | Mean value 30. Harmonic I L3 | 1 | FLOAT | | |
| 8940 | Mean value 31. Harmonic I L3 | 1 | FLOAT | | |
| 8942 | Mean value 32. Harmonic I L3 | 1 | FLOAT | | |
| 8944 | Mean value 33. Harmonic I L3 | 1 | FLOAT | | |
| 8946 | Mean value 34. Harmonic I L3 | 1 | FLOAT | | |
| 8948 | Mean value 35. Harmonic I L3 | 1 | FLOAT | | |
| 8950 | Mean value 36. Harmonic I L3 | 1 | FLOAT | | |
| 8952 | Mean value 37. Harmonic I L3 | 1 | FLOAT | | |
| 8954 | Mean value 38. Harmonic I L3 | 1 | FLOAT | | |
| 8956 | Mean value 39. Harmonic I L3 | 1 | FLOAT | | |
| 8958 | Mean value 40. Harmonic I L3 | 1 | FLOAT | | |
| 8960 | Max. value 1. Harmonic U L1 | 1 | FLOAT | | |
| 8962 | Max. value 2. Harmonic U L1 | 1 | FLOAT | | |
| 8964 | Max. value 3. Harmonic U L1 | 1 | FLOAT | | |
| 8966 | Max. value 4. Harmonic U L1 | 1 | FLOAT | | |
| 8968 | Max. value 5. Harmonic U L1 | 1 | FLOAT | | |
| 8970 | Max. value 6. Harmonic U L1 | 1 | FLOAT | | |
| 8972 | Max. value 7. Harmonic U L1 | 1 | FLOAT | | |
| 8974 | Max. value 8. Harmonic U L1 | 1 | FLOAT | | |
| 8976 | Max. value 9. Harmonic U L1 | 1 | FLOAT | | |
| 8978 | Max. value 10. Harmonic U L1 | 1 | FLOAT | | |
| 8980 | Max. value 11. Harmonic U L1 | 1 | FLOAT | | |
| 8982 | Max. value 12. Harmonic U L1 | 1 | FLOAT | | |
| 8984 | Max. value 13. Harmonic U L1 | 1 | FLOAT | | |
| 8986 | Max. value 14. Harmonic U L1 | 1 | FLOAT | | |
| 8988 | Max. value 15. Harmonic U L1 | 1 | FLOAT | | |
| 8990 | Max. value 16. Harmonic U L1 | 1 | FLOAT | | |
| 8992 | Max. value 17. Harmonic U L1 | 1 | FLOAT | | |
| 8994 | Max. value 18. Harmonic U L1 | 1 | FLOAT | | |
| 8996 | Max. value 19. Harmonic U L1 | 1 | FLOAT | | |
| 8998 | Max. value 20. Harmonic U L1 | 1 | FLOAT | | |
| 9000 | Max. value 21. Harmonic U L1 | 1 | FLOAT | | |
| 9002 | Max. value 22. Harmonic U L1 | 1 | FLOAT | | |
| 9004 | Max. value 23. Harmonic U L1 | 1 | FLOAT | | |
| 9006 | Max. value 24. Harmonic U L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 9008 | Max. value 25. Harmonic U L1 | 1 | FLOAT | | |
| 9010 | Max. value 26. Harmonic U L1 | 1 | FLOAT | | |
| 9012 | Max. value 27. Harmonic U L1 | 1 | FLOAT | | |
| 9014 | Max. value 28. Harmonic U L1 | 1 | FLOAT | | |
| 9016 | Max. value 29. Harmonic U L1 | 1 | FLOAT | | |
| 9018 | Max. value 30. Harmonic U L1 | 1 | FLOAT | | |
| 9020 | Max. value 31. Harmonic U L1 | 1 | FLOAT | | |
| 9022 | Max. value 32. Harmonic U L1 | 1 | FLOAT | | |
| 9024 | Max. value 33. Harmonic U L1 | 1 | FLOAT | | |
| 9026 | Max. value 34. Harmonic U L1 | 1 | FLOAT | | |
| 9028 | Max. value 35. Harmonic U L1 | 1 | FLOAT | | |
| 9030 | Max. value 36. Harmonic U L1 | 1 | FLOAT | | |
| 9032 | Max. value 37. Harmonic U L1 | 1 | FLOAT | | |
| 9034 | Max. value 38. Harmonic U L1 | 1 | FLOAT | | |
| 9036 | Max. value 39. Harmonic U L1 | 1 | FLOAT | | |
| 9038 | Max. value 40. Harmonic U L1 | 1 | FLOAT | | |
| 9040 | Max. value 1. Harmonic U L2 | 1 | FLOAT | | |
| 9042 | Max. value 2. Harmonic U L2 | 1 | FLOAT | | |
| 9044 | Max. value 3. Harmonic U L2 | 1 | FLOAT | | |
| 9046 | Max. value 4. Harmonic U L2 | 1 | FLOAT | | |
| 9048 | Max. value 5. Harmonic U L2 | 1 | FLOAT | | |
| 9050 | Max. value 6. Harmonic U L2 | 1 | FLOAT | | |
| 9052 | Max. value 7. Harmonic U L2 | 1 | FLOAT | | |
| 9054 | Max. value 8. Harmonic U L2 | 1 | FLOAT | | |
| 9056 | Max. value 9. Harmonic U L2 | 1 | FLOAT | | |
| 9058 | Max. value 10. Harmonic U L2 | 1 | FLOAT | | |
| 9060 | Max. value 11. Harmonic U L2 | 1 | FLOAT | | |
| 9062 | Max. value 12. Harmonic U L2 | 1 | FLOAT | | |
| 9064 | Max. value 13. Harmonic U L2 | 1 | FLOAT | | |
| 9066 | Max. value 14. Harmonic U L2 | 1 | FLOAT | | |
| 9068 | Max. value 15. Harmonic U L2 | 1 | FLOAT | | |
| 9070 | Max. value 16. Harmonic U L2 | 1 | FLOAT | | |
| 9072 | Max. value 17. Harmonic U L2 | 1 | FLOAT | | |
| 9074 | Max. value 18. Harmonic U L2 | 1 | FLOAT | | |
| 9076 | Max. value 19. Harmonic U L2 | 1 | FLOAT | | |
| 9078 | Max. value 20. Harmonic U L2 | 1 | FLOAT | | |
| 9080 | Max. value 21. Harmonic U L2 | 1 | FLOAT | | |
| 9082 | Max. value 22. Harmonic U L2 | 1 | FLOAT | | |
| 9084 | Max. value 23. Harmonic U L2 | 1 | FLOAT | | |
| 9086 | Max. value 24. Harmonic U L2 | 1 | FLOAT | | |
| 9088 | Max. value 25. Harmonic U L2 | 1 | FLOAT | | |
| 9090 | Max. value 26. Harmonic U L2 | 1 | FLOAT | | |
| 9092 | Max. value 27. Harmonic U L2 | 1 | FLOAT | | |
| 9094 | Max. value 28. Harmonic U L2 | 1 | FLOAT | | |
| 9096 | Max. value 29. Harmonic U L2 | 1 | FLOAT | | |
| 9098 | Max. value 30. Harmonic U L2 | 1 | FLOAT | | |
| 9100 | Max. value 31. Harmonic U L2 | 1 | FLOAT | | |
| 9102 | Max. value 32. Harmonic U L2 | 1 | FLOAT | | |
| 9104 | Max. value 33. Harmonic U L2 | 1 | FLOAT | | |
| 9106 | Max. value 34. Harmonic U L2 | 1 | FLOAT | | |
| 9108 | Max. value 35. Harmonic U L2 | 1 | FLOAT | | |
| 9110 | Max. value 36. Harmonic U L2 | 1 | FLOAT | | |
| 9112 | Max. value 37. Harmonic U L2 | 1 | FLOAT | | |
| 9114 | Max. value 38. Harmonic U L2 | 1 | FLOAT | | |
| 9116 | Max. value 39. Harmonic U L2 | 1 | FLOAT | | |
| 9118 | Max. value 40. Harmonic U L2 | 1 | FLOAT | | |
| 9120 | Max. value 1. Harmonic U L3 | 1 | FLOAT | | |
| 9122 | Max. value 2. Harmonic U L3 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 9124 | Max. value 3. Harmonic U L3 | 1 | FLOAT | | |
| 9126 | Max. value 4. Harmonic U L3 | 1 | FLOAT | | |
| 9128 | Max. value 5. Harmonic U L3 | 1 | FLOAT | | |
| 9130 | Max. value 6. Harmonic U L3 | 1 | FLOAT | | |
| 9132 | Max. value 7. Harmonic U L3 | 1 | FLOAT | | |
| 9134 | Max. value 8. Harmonic U L3 | 1 | FLOAT | | |
| 9136 | Max. value 9. Harmonic U L3 | 1 | FLOAT | | |
| 9138 | Max. value 10. Harmonic U L3 | 1 | FLOAT | | |
| 9140 | Max. value 11. Harmonic U L3 | 1 | FLOAT | | |
| 9142 | Max. value 12. Harmonic U L3 | 1 | FLOAT | | |
| 9144 | Max. value 13. Harmonic U L3 | 1 | FLOAT | | |
| 9146 | Max. value 14. Harmonic U L3 | 1 | FLOAT | | |
| 9148 | Max. value 15. Harmonic U L3 | 1 | FLOAT | | |
| 9150 | Max. value 16. Harmonic U L3 | 1 | FLOAT | | |
| 9152 | Max. value 17. Harmonic U L3 | 1 | FLOAT | | |
| 9154 | Max. value 18. Harmonic U L3 | 1 | FLOAT | | |
| 9156 | Max. value 19. Harmonic U L3 | 1 | FLOAT | | |
| 9158 | Max. value 20. Harmonic U L3 | 1 | FLOAT | | |
| 9160 | Max. value 21. Harmonic U L3 | 1 | FLOAT | | |
| 9162 | Max. value 22. Harmonic U L3 | 1 | FLOAT | | |
| 9164 | Max. value 23. Harmonic U L3 | 1 | FLOAT | | |
| 9166 | Max. value 24. Harmonic U L3 | 1 | FLOAT | | |
| 9168 | Max. value 25. Harmonic U L3 | 1 | FLOAT | | |
| 9170 | Max. value 26. Harmonic U L3 | 1 | FLOAT | | |
| 9172 | Max. value 27. Harmonic U L3 | 1 | FLOAT | | |
| 9174 | Max. value 28. Harmonic U L3 | 1 | FLOAT | | |
| 9176 | Max. value 29. Harmonic U L3 | 1 | FLOAT | | |
| 9178 | Max. value 30. Harmonic U L3 | 1 | FLOAT | | |
| 9180 | Max. value 31. Harmonic U L3 | 1 | FLOAT | | |
| 9182 | Max. value 32. Harmonic U L3 | 1 | FLOAT | | |
| 9184 | Max. value 33. Harmonic U L3 | 1 | FLOAT | | |
| 9186 | Max. value 34. Harmonic U L3 | 1 | FLOAT | | |
| 9188 | Max. value 35. Harmonic U L3 | 1 | FLOAT | | |
| 9190 | Max. value 36. Harmonic U L3 | 1 | FLOAT | | |
| 9192 | Max. value 37. Harmonic U L3 | 1 | FLOAT | | |
| 9194 | Max. value 38. Harmonic U L3 | 1 | FLOAT | | |
| 9196 | Max. value 39. Harmonic U L3 | 1 | FLOAT | | |
| 9198 | Max. value 40. Harmonic U L3 | 1 | FLOAT | | |
| 9200 | Max. value 1. Harmonic I L1 | 1 | FLOAT | | |
| 9202 | Max. value 2. Harmonic I L1 | 1 | FLOAT | | |
| 9204 | Max. value 3. Harmonic I L1 | 1 | FLOAT | | |
| 9206 | Max. value 4. Harmonic I L1 | 1 | FLOAT | | |
| 9208 | Max. value 5. Harmonic I L1 | 1 | FLOAT | | |
| 9210 | Max. value 6. Harmonic I L1 | 1 | FLOAT | | |
| 9212 | Max. value 7. Harmonic I L1 | 1 | FLOAT | | |
| 9214 | Max. value 8. Harmonic I L1 | 1 | FLOAT | | |
| 9216 | Max. value 9. Harmonic I L1 | 1 | FLOAT | | |
| 9218 | Max. value 10. Harmonic I L1 | 1 | FLOAT | | |
| 9220 | Max. value 11. Harmonic I L1 | 1 | FLOAT | | |
| 9222 | Max. value 12. Harmonic I L1 | 1 | FLOAT | | |
| 9224 | Max. value 13. Harmonic I L1 | 1 | FLOAT | | |
| 9226 | Max. value 14. Harmonic I L1 | 1 | FLOAT | | |
| 9228 | Max. value 15. Harmonic I L1 | 1 | FLOAT | | |
| 9230 | Max. value 16. Harmonic I L1 | 1 | FLOAT | | |
| 9232 | Max. value 17. Harmonic I L1 | 1 | FLOAT | | |
| 9234 | Max. value 18. Harmonic I L1 | 1 | FLOAT | | |
| 9236 | Max. value 19. Harmonic I L1 | 1 | FLOAT | | |
| 9238 | Max. value 20. Harmonic I L1 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 9240 | Max. value 21. Harmonic L1 | 1 | FLOAT | | |
| 9242 | Max. value 22. Harmonic L1 | 1 | FLOAT | | |
| 9244 | Max. value 23. Harmonic L1 | 1 | FLOAT | | |
| 9246 | Max. value 24. Harmonic L1 | 1 | FLOAT | | |
| 9248 | Max. value 25. Harmonic L1 | 1 | FLOAT | | |
| 9250 | Max. value 26. Harmonic L1 | 1 | FLOAT | | |
| 9252 | Max. value 27. Harmonic L1 | 1 | FLOAT | | |
| 9254 | Max. value 28. Harmonic L1 | 1 | FLOAT | | |
| 9256 | Max. value 29. Harmonic L1 | 1 | FLOAT | | |
| 9258 | Max. value 30. Harmonic L1 | 1 | FLOAT | | |
| 9260 | Max. value 31. Harmonic L1 | 1 | FLOAT | | |
| 9262 | Max. value 32. Harmonic L1 | 1 | FLOAT | | |
| 9264 | Max. value 33. Harmonic L1 | 1 | FLOAT | | |
| 9266 | Max. value 34. Harmonic L1 | 1 | FLOAT | | |
| 9268 | Max. value 35. Harmonic L1 | 1 | FLOAT | | |
| 9270 | Max. value 36. Harmonic L1 | 1 | FLOAT | | |
| 9272 | Max. value 37. Harmonic L1 | 1 | FLOAT | | |
| 9274 | Max. value 38. Harmonic L1 | 1 | FLOAT | | |
| 9276 | Max. value 39. Harmonic L1 | 1 | FLOAT | | |
| 9278 | Max. value 40. Harmonic L1 | 1 | FLOAT | | |
| 9280 | Max. value 1. Harmonic L2 | 1 | FLOAT | | |
| 9282 | Max. value 2. Harmonic L2 | 1 | FLOAT | | |
| 9284 | Max. value 3. Harmonic L2 | 1 | FLOAT | | |
| 9286 | Max. value 4. Harmonic L2 | 1 | FLOAT | | |
| 9288 | Max. value 5. Harmonic L2 | 1 | FLOAT | | |
| 9290 | Max. value 6. Harmonic L2 | 1 | FLOAT | | |
| 9292 | Max. value 7. Harmonic L2 | 1 | FLOAT | | |
| 9294 | Max. value 8. Harmonic L2 | 1 | FLOAT | | |
| 9296 | Max. value 9. Harmonic L2 | 1 | FLOAT | | |
| 9298 | Max. value 10. Harmonic L2 | 1 | FLOAT | | |
| 9300 | Max. value 11. Harmonic L2 | 1 | FLOAT | | |
| 9302 | Max. value 12. Harmonic L2 | 1 | FLOAT | | |
| 9304 | Max. value 13. Harmonic L2 | 1 | FLOAT | | |
| 9306 | Max. value 14. Harmonic L2 | 1 | FLOAT | | |
| 9308 | Max. value 15. Harmonic L2 | 1 | FLOAT | | |
| 9310 | Max. value 16. Harmonic L2 | 1 | FLOAT | | |
| 9312 | Max. value 17. Harmonic L2 | 1 | FLOAT | | |
| 9314 | Max. value 18. Harmonic L2 | 1 | FLOAT | | |
| 9316 | Max. value 19. Harmonic L2 | 1 | FLOAT | | |
| 9318 | Max. value 20. Harmonic L2 | 1 | FLOAT | | |
| 9320 | Max. value 21. Harmonic L2 | 1 | FLOAT | | |
| 9322 | Max. value 22. Harmonic L2 | 1 | FLOAT | | |
| 9324 | Max. value 23. Harmonic L2 | 1 | FLOAT | | |
| 9326 | Max. value 24. Harmonic L2 | 1 | FLOAT | | |
| 9328 | Max. value 25. Harmonic L2 | 1 | FLOAT | | |
| 9330 | Max. value 26. Harmonic L2 | 1 | FLOAT | | |
| 9332 | Max. value 27. Harmonic L2 | 1 | FLOAT | | |
| 9334 | Max. value 28. Harmonic L2 | 1 | FLOAT | | |
| 9336 | Max. value 29. Harmonic L2 | 1 | FLOAT | | |
| 9338 | Max. value 30. Harmonic L2 | 1 | FLOAT | | |
| 9340 | Max. value 31. Harmonic L2 | 1 | FLOAT | | |
| 9342 | Max. value 32. Harmonic L2 | 1 | FLOAT | | |
| 9344 | Max. value 33. Harmonic L2 | 1 | FLOAT | | |
| 9346 | Max. value 34. Harmonic L2 | 1 | FLOAT | | |
| 9348 | Max. value 35. Harmonic L2 | 1 | FLOAT | | |
| 9350 | Max. value 36. Harmonic L2 | 1 | FLOAT | | |
| 9352 | Max. value 37. Harmonic L2 | 1 | FLOAT | | |
| 9354 | Max. value 38. Harmonic L2 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 9356 | Max. value 39. Harmonic I L2 | 1 | FLOAT | | |
| 9358 | Max. value 40. Harmonic I L2 | 1 | FLOAT | | |
| 9360 | Max. value 1. Harmonic I L3 | 1 | FLOAT | | |
| 9362 | Max. value 2. Harmonic I L3 | 1 | FLOAT | | |
| 9364 | Max. value 3. Harmonic I L3 | 1 | FLOAT | | |
| 9366 | Max. value 4. Harmonic I L3 | 1 | FLOAT | | |
| 9368 | Max. value 5. Harmonic I L3 | 1 | FLOAT | | |
| 9370 | Max. value 6. Harmonic I L3 | 1 | FLOAT | | |
| 9372 | Max. value 7. Harmonic I L3 | 1 | FLOAT | | |
| 9374 | Max. value 8. Harmonic I L3 | 1 | FLOAT | | |
| 9376 | Max. value 9. Harmonic I L3 | 1 | FLOAT | | |
| 9378 | Max. value 10. Harmonic I L3 | 1 | FLOAT | | |
| 9380 | Max. value 11. Harmonic I L3 | 1 | FLOAT | | |
| 9382 | Max. value 12. Harmonic I L3 | 1 | FLOAT | | |
| 9384 | Max. value 13. Harmonic I L3 | 1 | FLOAT | | |
| 9386 | Max. value 14. Harmonic I L3 | 1 | FLOAT | | |
| 9388 | Max. value 15. Harmonic I L3 | 1 | FLOAT | | |
| 9390 | Max. value 16. Harmonic I L3 | 1 | FLOAT | | |
| 9392 | Max. value 17. Harmonic I L3 | 1 | FLOAT | | |
| 9394 | Max. value 18. Harmonic I L3 | 1 | FLOAT | | |
| 9396 | Max. value 19. Harmonic I L3 | 1 | FLOAT | | |
| 9398 | Max. value 20. Harmonic I L3 | 1 | FLOAT | | |
| 9400 | Max. value 21. Harmonic I L3 | 1 | FLOAT | | |
| 9402 | Max. value 22. Harmonic I L3 | 1 | FLOAT | | |
| 9404 | Max. value 23. Harmonic I L3 | 1 | FLOAT | | |
| 9406 | Max. value 24. Harmonic I L3 | 1 | FLOAT | | |
| 9408 | Max. value 25. Harmonic I L3 | 1 | FLOAT | | |
| 9410 | Max. value 26. Harmonic I L3 | 1 | FLOAT | | |
| 9412 | Max. value 27. Harmonic I L3 | 1 | FLOAT | | |
| 9414 | Max. value 28. Harmonic I L3 | 1 | FLOAT | | |
| 9416 | Max. value 29. Harmonic I L3 | 1 | FLOAT | | |
| 9418 | Max. value 30. Harmonic I L3 | 1 | FLOAT | | |
| 9420 | Max. value 31. Harmonic I L3 | 1 | FLOAT | | |
| 9422 | Max. value 32. Harmonic I L3 | 1 | FLOAT | | |
| 9424 | Max. value 33. Harmonic I L3 | 1 | FLOAT | | |
| 9426 | Max. value 34. Harmonic I L3 | 1 | FLOAT | | |
| 9428 | Max. value 35. Harmonic I L3 | 1 | FLOAT | | |
| 9430 | Max. value 36. Harmonic I L3 | 1 | FLOAT | | |
| 9432 | Max. value 37. Harmonic I L3 | 1 | FLOAT | | |
| 9434 | Max. value 38. Harmonic I L3 | 1 | FLOAT | | |
| 9436 | Max. value 39. Harmonic I L3 | 1 | FLOAT | | |
| 9438 | Max. value 40. Harmonic I L3 | 1 | FLOAT | | |
| 9440 | Time stamp Max. value 1. Harmonic U L1 | | FLOAT | | |
| 9442 | Time stamp Max. value 2. Harmonic U L1 | | FLOAT | | |
| 9444 | Time stamp Max. value 3. Harmonic U L1 | | FLOAT | | |
| 9446 | Time stamp Max. value 4. Harmonic U L1 | | FLOAT | | |
| 9448 | Time stamp Max. value 5. Harmonic U L1 | | FLOAT | | |
| 9450 | Time stamp Max. value 6. Harmonic U L1 | | FLOAT | | |
| 9452 | Time stamp Max. value 7. Harmonic U L1 | | FLOAT | | |
| 9454 | Time stamp Max. value 8. Harmonic U L1 | | FLOAT | | |
| 9456 | Time stamp Max. value 9. Harmonic U L1 | | FLOAT | | |
| 9458 | Time stamp Max. value 10. Harmonic U L1 | | FLOAT | | |
| 9460 | Time stamp Max. value 11. Harmonic U L1 | | FLOAT | | |
| 9462 | Time stamp Max. value 12. Harmonic U L1 | | FLOAT | | |
| 9464 | Time stamp Max. value 13. Harmonic U L1 | | FLOAT | | |
| 9466 | Time stamp Max. value 14. Harmonic U L1 | | FLOAT | | |
| 9468 | Time stamp Max. value 15. Harmonic U L1 | | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---------------------------|----------------|-------|------|--------|
| 9470 | Time stamp Max. value 16. | Harmonic U L1 | FLOAT | | |
| 9472 | Time stamp Max. value 17. | Harmonic U L1 | FLOAT | | |
| 9474 | Time stamp Max. value 18. | Harmonic U L1 | FLOAT | | |
| 9476 | Time stamp Max. value 19. | Harmonic U L1 | FLOAT | | |
| 9478 | Time stamp Max. value 20. | Harmonic U L1 | FLOAT | | |
| 9480 | Time stamp Max. value 21. | Harmonic U L1 | FLOAT | | |
| 9482 | Time stamp Max. value 22. | Harmonic U L1 | FLOAT | | |
| 9484 | Time stamp Max. value 23. | Harmonic U L1 | FLOAT | | |
| 9486 | Time stamp Max. value 24. | Harmonic U L1 | FLOAT | | |
| 9488 | Time stamp Max. value 25. | Harmonic U L1 | FLOAT | | |
| 9490 | Time stamp Max. value 26. | Harmonic U L1 | FLOAT | | |
| 9492 | Time stamp Max. value 27. | Harmonic U L1 | FLOAT | | |
| 9494 | Time stamp Max. value 28. | Harmonic U L1 | FLOAT | | |
| 9496 | Time stamp Max. value 29. | Harmonic U L1 | FLOAT | | |
| 9498 | Time stamp Max. value 30. | Harmonic U L1 | FLOAT | | |
| 9500 | Time stamp Max. value 31. | Harmonic U L1 | FLOAT | | |
| 9502 | Time stamp Max. value 32. | Harmonic U L1 | FLOAT | | |
| 9504 | Time stamp Max. value 33. | Harmonic U L1 | FLOAT | | |
| 9506 | Time stamp Max. value 34. | Harmonic U L1 | FLOAT | | |
| 9508 | Time stamp Max. value 35. | Harmonic U L1 | FLOAT | | |
| 9510 | Time stamp Max. value 36. | Harmonic U L1 | FLOAT | | |
| 9512 | Time stamp Max. value 37. | Harmonic U L1 | FLOAT | | |
| 9514 | Time stamp Max. value 38. | Harmonic U L1 | FLOAT | | |
| 9516 | Time stamp Max. value 39. | Harmonic U L1 | FLOAT | | |
| 9518 | Time stamp Max. value 40. | Harmonic U L1 | FLOAT | | |
| 9520 | Time stamp Max. value 1. | Harmonic U L2 | FLOAT | | |
| 9522 | Time stamp Max. value 2. | Harmonic U L2 | FLOAT | | |
| 9524 | Time stamp Max. value 3. | Harmonic U L2 | FLOAT | | |
| 9526 | Time stamp Max. value 4. | Harmonic U L2 | FLOAT | | |
| 9528 | Time stamp Max. value 5. | Harmonic U L2 | FLOAT | | |
| 9530 | Time stamp Max. value 6. | Harmonic U L2 | FLOAT | | |
| 9532 | Time stamp Max. value 7. | Harmonic U L2 | FLOAT | | |
| 9534 | Time stamp Max. value 8. | Harmonic U L2 | FLOAT | | |
| 9536 | Time stamp Max. value 9. | Harmonic U L2 | FLOAT | | |
| 9538 | Time stamp Max. value 10. | Harmonic U L2 | FLOAT | | |
| 9540 | Time stamp Max. value 11. | Harmonic U L2 | FLOAT | | |
| 9542 | Time stamp Max. value 12. | Harmonic U L2 | FLOAT | | |
| 9544 | Time stamp Max. value 13. | Harmonic U L2 | FLOAT | | |
| 9546 | Time stamp Max. value 14. | Harmonic U L2 | FLOAT | | |
| 9548 | Time stamp Max. value 15. | Harmonic U L2 | FLOAT | | |
| 9550 | Time stamp Max. value 16. | Harmonic U L2 | FLOAT | | |
| 9552 | Time stamp Max. value 17. | Harmonic U L2 | FLOAT | | |
| 9554 | Time stamp Max. value 18. | Harmonic U L2 | FLOAT | | |
| 9556 | Time stamp Max. value 19. | Harmonic U L2 | FLOAT | | |
| 9558 | Time stamp Max. value 20. | Harmonic U L2 | FLOAT | | |
| 9560 | Time stamp Max. value 21. | Harmonic U L2 | FLOAT | | |
| 9562 | Time stamp Max. value 22. | Harmonic U L2 | FLOAT | | |
| 9564 | Time stamp Max. value 23. | Harmonic U L2 | FLOAT | | |
| 9566 | Time stamp Max. value 24. | Harmonic U L2 | FLOAT | | |
| 9568 | Time stamp Max. value 25. | Harmonic U L2 | FLOAT | | |
| 9570 | Time stamp Max. value 26. | Harmonic U L2 | FLOAT | | |
| 9572 | Time stamp Max. value 27. | Harmonic U L2 | FLOAT | | |
| 9574 | Time stamp Max. value 28. | Harmonic U L2 | FLOAT | | |
| 9576 | Time stamp Max. value 29. | Harmonic U L2 | FLOAT | | |
| 9578 | Time stamp Max. value 30. | Harmonic U L2 | FLOAT | | |
| 9580 | Time stamp Max. value 31. | Harmonic U L2 | FLOAT | | |
| 9582 | Time stamp Max. value 32. | Harmonic U L2 | FLOAT | | |
| 9584 | Time stamp Max. value 33. | Harmonic U L2 | FLOAT | | |
| 9586 | Time stamp Max. value 34. | Harmonic U L2 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---------------------------|----------------|-------|------|--------|
| 9588 | Time stamp Max. value 35. | Harmonic U L2 | FLOAT | | |
| 9590 | Time stamp Max. value 36. | Harmonic U L2 | FLOAT | | |
| 9592 | Time stamp Max. value 37. | Harmonic U L2 | FLOAT | | |
| 9594 | Time stamp Max. value 38. | Harmonic U L2 | FLOAT | | |
| 9596 | Time stamp Max. value 39. | Harmonic U L2 | FLOAT | | |
| 9598 | Time stamp Max. value 40. | Harmonic U L2 | FLOAT | | |
| 9600 | Time stamp Max. value 1. | Harmonic U L3 | FLOAT | | |
| 9602 | Time stamp Max. value 2. | Harmonic U L3 | FLOAT | | |
| 9604 | Time stamp Max. value 3. | Harmonic U L3 | FLOAT | | |
| 9606 | Time stamp Max. value 4. | Harmonic U L3 | FLOAT | | |
| 9608 | Time stamp Max. value 5. | Harmonic U L3 | FLOAT | | |
| 9610 | Time stamp Max. value 6. | Harmonic U L3 | FLOAT | | |
| 9612 | Time stamp Max. value 7. | Harmonic U L3 | FLOAT | | |
| 9614 | Time stamp Max. value 8. | Harmonic U L3 | FLOAT | | |
| 9616 | Time stamp Max. value 9. | Harmonic U L3 | FLOAT | | |
| 9618 | Time stamp Max. value 10. | Harmonic U L3 | FLOAT | | |
| 9620 | Time stamp Max. value 11. | Harmonic U L3 | FLOAT | | |
| 9622 | Time stamp Max. value 12. | Harmonic U L3 | FLOAT | | |
| 9624 | Time stamp Max. value 13. | Harmonic U L3 | FLOAT | | |
| 9626 | Time stamp Max. value 14. | Harmonic U L3 | FLOAT | | |
| 9628 | Time stamp Max. value 15. | Harmonic U L3 | FLOAT | | |
| 9630 | Time stamp Max. value 16. | Harmonic U L3 | FLOAT | | |
| 9632 | Time stamp Max. value 17. | Harmonic U L3 | FLOAT | | |
| 9634 | Time stamp Max. value 18. | Harmonic U L3 | FLOAT | | |
| 9636 | Time stamp Max. value 19. | Harmonic U L3 | FLOAT | | |
| 9638 | Time stamp Max. value 20. | Harmonic U L3 | FLOAT | | |
| 9640 | Time stamp Max. value 21. | Harmonic U L3 | FLOAT | | |
| 9642 | Time stamp Max. value 22. | Harmonic U L3 | FLOAT | | |
| 9644 | Time stamp Max. value 23. | Harmonic U L3 | FLOAT | | |
| 9646 | Time stamp Max. value 24. | Harmonic U L3 | FLOAT | | |
| 9648 | Time stamp Max. value 25. | Harmonic U L3 | FLOAT | | |
| 9650 | Time stamp Max. value 26. | Harmonic U L3 | FLOAT | | |
| 9652 | Time stamp Max. value 27. | Harmonic U L3 | FLOAT | | |
| 9654 | Time stamp Max. value 28. | Harmonic U L3 | FLOAT | | |
| 9656 | Time stamp Max. value 29. | Harmonic U L3 | FLOAT | | |
| 9658 | Time stamp Max. value 30. | Harmonic U L3 | FLOAT | | |
| 9660 | Time stamp Max. value 31. | Harmonic U L3 | FLOAT | | |
| 9662 | Time stamp Max. value 32. | Harmonic U L3 | FLOAT | | |
| 9664 | Time stamp Max. value 33. | Harmonic U L3 | FLOAT | | |
| 9666 | Time stamp Max. value 34. | Harmonic U L3 | FLOAT | | |
| 9668 | Time stamp Max. value 35. | Harmonic U L3 | FLOAT | | |
| 9670 | Time stamp Max. value 36. | Harmonic U L3 | FLOAT | | |
| 9672 | Time stamp Max. value 37. | Harmonic U L3 | FLOAT | | |
| 9674 | Time stamp Max. value 38. | Harmonic U L3 | FLOAT | | |
| 9676 | Time stamp Max. value 39. | Harmonic U L3 | FLOAT | | |
| 9678 | Time stamp Max. value 40. | Harmonic U L3 | FLOAT | | |
| 9680 | Time stamp Max. value 1. | Harmonic I L1 | FLOAT | | |
| 9682 | Time stamp Max. value 2. | Harmonic I L1 | FLOAT | | |
| 9684 | Time stamp Max. value 3. | Harmonic I L1 | FLOAT | | |
| 9686 | Time stamp Max. value 4. | Harmonic I L1 | FLOAT | | |
| 9688 | Time stamp Max. value 5. | Harmonic I L1 | FLOAT | | |
| 9690 | Time stamp Max. value 6. | Harmonic I L1 | FLOAT | | |
| 9692 | Time stamp Max. value 7. | Harmonic I L1 | FLOAT | | |
| 9694 | Time stamp Max. value 8. | Harmonic I L1 | FLOAT | | |
| 9696 | Time stamp Max. value 9. | Harmonic I L1 | FLOAT | | |
| 9698 | Time stamp Max. value 10. | Harmonic I L1 | FLOAT | | |
| 9700 | Time stamp Max. value 11. | Harmonic I L1 | FLOAT | | |
| 9702 | Time stamp Max. value 12. | Harmonic I L1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---------------------------|----------------|-------|------|--------|
| 9704 | Time stamp Max. value 13. | Harmonic I L1 | FLOAT | | |
| 9706 | Time stamp Max. value 14. | Harmonic I L1 | FLOAT | | |
| 9708 | Time stamp Max. value 15. | Harmonic I L1 | FLOAT | | |
| 9710 | Time stamp Max. value 16. | Harmonic I L1 | FLOAT | | |
| 9712 | Time stamp Max. value 17. | Harmonic I L1 | FLOAT | | |
| 9714 | Time stamp Max. value 18. | Harmonic I L1 | FLOAT | | |
| 9716 | Time stamp Max. value 19. | Harmonic I L1 | FLOAT | | |
| 9718 | Time stamp Max. value 20. | Harmonic I L1 | FLOAT | | |
| 9720 | Time stamp Max. value 21. | Harmonic I L1 | FLOAT | | |
| 9722 | Time stamp Max. value 22. | Harmonic I L1 | FLOAT | | |
| 9724 | Time stamp Max. value 23. | Harmonic I L1 | FLOAT | | |
| 9726 | Time stamp Max. value 24. | Harmonic I L1 | FLOAT | | |
| 9728 | Time stamp Max. value 25. | Harmonic I L1 | FLOAT | | |
| 9730 | Time stamp Max. value 26. | Harmonic I L1 | FLOAT | | |
| 9732 | Time stamp Max. value 27. | Harmonic I L1 | FLOAT | | |
| 9734 | Time stamp Max. value 28. | Harmonic I L1 | FLOAT | | |
| 9736 | Time stamp Max. value 29. | Harmonic I L1 | FLOAT | | |
| 9738 | Time stamp Max. value 30. | Harmonic I L1 | FLOAT | | |
| 9740 | Time stamp Max. value 31. | Harmonic I L1 | FLOAT | | |
| 9742 | Time stamp Max. value 32. | Harmonic I L1 | FLOAT | | |
| 9744 | Time stamp Max. value 33. | Harmonic I L1 | FLOAT | | |
| 9746 | Time stamp Max. value 34. | Harmonic I L1 | FLOAT | | |
| 9748 | Time stamp Max. value 35. | Harmonic I L1 | FLOAT | | |
| 9750 | Time stamp Max. value 36. | Harmonic I L1 | FLOAT | | |
| 9752 | Time stamp Max. value 37. | Harmonic I L1 | FLOAT | | |
| 9754 | Time stamp Max. value 38. | Harmonic I L1 | FLOAT | | |
| 9756 | Time stamp Max. value 39. | Harmonic I L1 | FLOAT | | |
| 9758 | Time stamp Max. value 40. | Harmonic I L1 | FLOAT | | |
| 9760 | Time stamp Max. value 1. | Harmonic I L2 | FLOAT | | |
| 9762 | Time stamp Max. value 2. | Harmonic I L2 | FLOAT | | |
| 9764 | Time stamp Max. value 3. | Harmonic I L2 | FLOAT | | |
| 9766 | Time stamp Max. value 4. | Harmonic I L2 | FLOAT | | |
| 9768 | Time stamp Max. value 5. | Harmonic I L2 | FLOAT | | |
| 9770 | Time stamp Max. value 6. | Harmonic I L2 | FLOAT | | |
| 9772 | Time stamp Max. value 7. | Harmonic I L2 | FLOAT | | |
| 9774 | Time stamp Max. value 8. | Harmonic I L2 | FLOAT | | |
| 9776 | Time stamp Max. value 9. | Harmonic I L2 | FLOAT | | |
| 9778 | Time stamp Max. value 10. | Harmonic I L2 | FLOAT | | |
| 9780 | Time stamp Max. value 11. | Harmonic I L2 | FLOAT | | |
| 9782 | Time stamp Max. value 12. | Harmonic I L2 | FLOAT | | |
| 9784 | Time stamp Max. value 13. | Harmonic I L2 | FLOAT | | |
| 9786 | Time stamp Max. value 14. | Harmonic I L2 | FLOAT | | |
| 9788 | Time stamp Max. value 15. | Harmonic I L2 | FLOAT | | |
| 9790 | Time stamp Max. value 16. | Harmonic I L2 | FLOAT | | |
| 9792 | Time stamp Max. value 17. | Harmonic I L2 | FLOAT | | |
| 9794 | Time stamp Max. value 18. | Harmonic I L2 | FLOAT | | |
| 9796 | Time stamp Max. value 19. | Harmonic I L2 | FLOAT | | |
| 9798 | Time stamp Max. value 20. | Harmonic I L2 | FLOAT | | |
| 9800 | Time stamp Max. value 21. | Harmonic I L2 | FLOAT | | |
| 9802 | Time stamp Max. value 22. | Harmonic I L2 | FLOAT | | |
| 9804 | Time stamp Max. value 23. | Harmonic I L2 | FLOAT | | |
| 9806 | Time stamp Max. value 24. | Harmonic I L2 | FLOAT | | |
| 9808 | Time stamp Max. value 25. | Harmonic I L2 | FLOAT | | |
| 9810 | Time stamp Max. value 26. | Harmonic I L2 | FLOAT | | |
| 9812 | Time stamp Max. value 27. | Harmonic I L2 | FLOAT | | |
| 9814 | Time stamp Max. value 28. | Harmonic I L2 | FLOAT | | |
| 9816 | Time stamp Max. value 29. | Harmonic I L2 | FLOAT | | |
| 9818 | Time stamp Max. value 30. | Harmonic I L2 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---------------------------|----------------|-------|-------|--------|
| 9820 | Time stamp Max. value 31. | Harmonic I L2 | FLOAT | | |
| 9822 | Time stamp Max. value 32. | Harmonic I L2 | FLOAT | | |
| 9824 | Time stamp Max. value 33. | Harmonic I L2 | FLOAT | | |
| 9826 | Time stamp Max. value 34. | Harmonic I L2 | FLOAT | | |
| 9828 | Time stamp Max. value 35. | Harmonic I L2 | FLOAT | | |
| 9830 | Time stamp Max. value 36. | Harmonic I L2 | FLOAT | | |
| 9832 | Time stamp Max. value 37. | Harmonic I L2 | FLOAT | | |
| 9834 | Time stamp Max. value 38. | Harmonic I L2 | FLOAT | | |
| 9836 | Time stamp Max. value 39. | Harmonic I L2 | FLOAT | | |
| 9838 | Time stamp Max. value 40. | Harmonic I L2 | FLOAT | | |
| 9840 | Time stamp Max. value 1. | Harmonic I L3 | FLOAT | | |
| 9842 | Time stamp Max. value 2. | Harmonic I L3 | FLOAT | | |
| 9844 | Time stamp Max. value 3. | Harmonic I L3 | FLOAT | | |
| 9846 | Time stamp Max. value 4. | Harmonic I L3 | FLOAT | | |
| 9848 | Time stamp Max. value 5. | Harmonic I L3 | FLOAT | | |
| 9850 | Time stamp Max. value 6. | Harmonic I L3 | FLOAT | | |
| 9852 | Time stamp Max. value 7. | Harmonic I L3 | FLOAT | | |
| 9854 | Time stamp Max. value 8. | Harmonic I L3 | FLOAT | | |
| 9856 | Time stamp Max. value 9. | Harmonic I L3 | FLOAT | | |
| 9858 | Time stamp Max. value 10. | Harmonic I L3 | FLOAT | | |
| 9860 | Time stamp Max. value 11. | Harmonic I L3 | FLOAT | | |
| 9862 | Time stamp Max. value 12. | Harmonic I L3 | FLOAT | | |
| 9864 | Time stamp Max. value 13. | Harmonic I L3 | FLOAT | | |
| 9866 | Time stamp Max. value 14. | Harmonic I L3 | FLOAT | | |
| 9868 | Time stamp Max. value 15. | Harmonic I L3 | FLOAT | | |
| 9870 | Time stamp Max. value 16. | Harmonic I L3 | FLOAT | | |
| 9872 | Time stamp Max. value 17. | Harmonic I L3 | FLOAT | | |
| 9874 | Time stamp Max. value 18. | Harmonic I L3 | FLOAT | | |
| 9876 | Time stamp Max. value 19. | Harmonic I L3 | FLOAT | | |
| 9878 | Time stamp Max. value 20. | Harmonic I L3 | FLOAT | | |
| 9880 | Time stamp Max. value 21. | Harmonic I L3 | FLOAT | | |
| 9882 | Time stamp Max. value 22. | Harmonic I L3 | FLOAT | | |
| 9884 | Time stamp Max. value 23. | Harmonic I L3 | FLOAT | | |
| 9886 | Time stamp Max. value 24. | Harmonic I L3 | FLOAT | | |
| 9888 | Time stamp Max. value 25. | Harmonic I L3 | FLOAT | | |
| 9890 | Time stamp Max. value 26. | Harmonic I L3 | FLOAT | | |
| 9892 | Time stamp Max. value 27. | Harmonic I L3 | FLOAT | | |
| 9894 | Time stamp Max. value 28. | Harmonic I L3 | FLOAT | | |
| 9896 | Time stamp Max. value 29. | Harmonic I L3 | FLOAT | | |
| 9898 | Time stamp Max. value 30. | Harmonic I L3 | FLOAT | | |
| 9900 | Time stamp Max. value 31. | Harmonic I L3 | FLOAT | | |
| 9902 | Time stamp Max. value 32. | Harmonic I L3 | FLOAT | | |
| 9904 | Time stamp Max. value 33. | Harmonic I L3 | FLOAT | | |
| 9906 | Time stamp Max. value 34. | Harmonic I L3 | FLOAT | | |
| 9908 | Time stamp Max. value 35. | Harmonic I L3 | FLOAT | | |
| 9910 | Time stamp Max. value 36. | Harmonic I L3 | FLOAT | | |
| 9912 | Time stamp Max. value 37. | Harmonic I L3 | FLOAT | | |
| 9914 | Time stamp Max. value 38. | Harmonic I L3 | FLOAT | | |
| 9916 | Time stamp Max. value 39. | Harmonic I L3 | FLOAT | | |
| 9918 | Time stamp Max. value 40. | Harmonic I L3 | FLOAT | | |
| 9920 | Min. value 1. | Harmonic U L1 | 1 | FLOAT | |
| 9922 | Min. value 2. | Harmonic U L1 | 1 | FLOAT | |
| 9924 | Min. value 3. | Harmonic U L1 | 1 | FLOAT | |
| 9926 | Min. value 4. | Harmonic U L1 | 1 | FLOAT | |
| 9928 | Min. value 5. | Harmonic U L1 | 1 | FLOAT | |
| 9930 | Min. value 6. | Harmonic U L1 | 1 | FLOAT | |
| 9932 | Min. value 7. | Harmonic U L1 | 1 | FLOAT | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 9934 | Min. value 8. Harmonic U L1 | 1 | FLOAT | | |
| 9936 | Min. value 9. Harmonic U L1 | 1 | FLOAT | | |
| 9938 | Min. value 10. Harmonic U L1 | 1 | FLOAT | | |
| 9940 | Min. value 11. Harmonic U L1 | 1 | FLOAT | | |
| 9942 | Min. value 12. Harmonic U L1 | 1 | FLOAT | | |
| 9944 | Min. value 13. Harmonic U L1 | 1 | FLOAT | | |
| 9946 | Min. value 14. Harmonic U L1 | 1 | FLOAT | | |
| 9948 | Min. value 15. Harmonic U L1 | 1 | FLOAT | | |
| 9950 | Min. value 16. Harmonic U L1 | 1 | FLOAT | | |
| 9952 | Min. value 17. Harmonic U L1 | 1 | FLOAT | | |
| 9954 | Min. value 18. Harmonic U L1 | 1 | FLOAT | | |
| 9956 | Min. value 19. Harmonic U L1 | 1 | FLOAT | | |
| 9958 | Min. value 20. Harmonic U L1 | 1 | FLOAT | | |
| 9960 | Min. value 21. Harmonic U L1 | 1 | FLOAT | | |
| 9962 | Min. value 22. Harmonic U L1 | 1 | FLOAT | | |
| 9964 | Min. value 23. Harmonic U L1 | 1 | FLOAT | | |
| 9966 | Min. value 24. Harmonic U L1 | 1 | FLOAT | | |
| 9968 | Min. value 25. Harmonic U L1 | 1 | FLOAT | | |
| 9970 | Min. value 26. Harmonic U L1 | 1 | FLOAT | | |
| 9972 | Min. value 27. Harmonic U L1 | 1 | FLOAT | | |
| 9974 | Min. value 28. Harmonic U L1 | 1 | FLOAT | | |
| 9976 | Min. value 29. Harmonic U L1 | 1 | FLOAT | | |
| 9978 | Min. value 30. Harmonic U L1 | 1 | FLOAT | | |
| 9980 | Min. value 31. Harmonic U L1 | 1 | FLOAT | | |
| 9982 | Min. value 32. Harmonic U L1 | 1 | FLOAT | | |
| 9984 | Min. value 33. Harmonic U L1 | 1 | FLOAT | | |
| 9986 | Min. value 34. Harmonic U L1 | 1 | FLOAT | | |
| 9988 | Min. value 35. Harmonic U L1 | 1 | FLOAT | | |
| 9990 | Min. value 36. Harmonic U L1 | 1 | FLOAT | | |
| 9992 | Min. value 37. Harmonic U L1 | 1 | FLOAT | | |
| 9994 | Min. value 38. Harmonic U L1 | 1 | FLOAT | | |
| 9996 | Min. value 39. Harmonic U L1 | 1 | FLOAT | | |
| 9998 | Min. value 40. Harmonic U L1 | 1 | FLOAT | | |
| 10000 | Min. value 1. Harmonic U L2 | 1 | FLOAT | | |
| 10002 | Min. value 2. Harmonic U L2 | 1 | FLOAT | | |
| 10004 | Min. value 3. Harmonic U L2 | 1 | FLOAT | | |
| 10006 | Min. value 4. Harmonic U L2 | 1 | FLOAT | | |
| 10008 | Min. value 5. Harmonic U L2 | 1 | FLOAT | | |
| 10010 | Min. value 6. Harmonic U L2 | 1 | FLOAT | | |
| 10012 | Min. value 7. Harmonic U L2 | 1 | FLOAT | | |
| 10014 | Min. value 8. Harmonic U L2 | 1 | FLOAT | | |
| 10016 | Min. value 9. Harmonic U L2 | 1 | FLOAT | | |
| 10018 | Min. value 10. Harmonic U L2 | 1 | FLOAT | | |
| 10020 | Min. value 11. Harmonic U L2 | 1 | FLOAT | | |
| 10022 | Min. value 12. Harmonic U L2 | 1 | FLOAT | | |
| 10024 | Min. value 13. Harmonic U L2 | 1 | FLOAT | | |
| 10026 | Min. value 14. Harmonic U L2 | 1 | FLOAT | | |
| 10028 | Min. value 15. Harmonic U L2 | 1 | FLOAT | | |
| 10030 | Min. value 16. Harmonic U L2 | 1 | FLOAT | | |
| 10032 | Min. value 17. Harmonic U L2 | 1 | FLOAT | | |
| 10034 | Min. value 18. Harmonic U L2 | 1 | FLOAT | | |
| 10036 | Min. value 19. Harmonic U L2 | 1 | FLOAT | | |
| 10038 | Min. value 20. Harmonic U L2 | 1 | FLOAT | | |
| 10040 | Min. value 21. Harmonic U L2 | 1 | FLOAT | | |
| 10042 | Min. value 22. Harmonic U L2 | 1 | FLOAT | | |
| 10044 | Min. value 23. Harmonic U L2 | 1 | FLOAT | | |
| 10046 | Min. value 24. Harmonic U L2 | 1 | FLOAT | | |
| 10048 | Min. value 25. Harmonic U L2 | 1 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--------------------------------------|----------------|-------|------|--------|
| 10050 | Min. value 26. Harmonic U L2 | 1 | FLOAT | | |
| 10052 | Min. value 27. Harmonic U L2 | 1 | FLOAT | | |
| 10054 | Min. value 28. Harmonic U L2 | 1 | FLOAT | | |
| 10056 | Min. value 29. Harmonic U L2 | 1 | FLOAT | | |
| 10058 | Min. value 30. Harmonic U L2 | 1 | FLOAT | | |
| 10060 | Min. value 31. Harmonic U L2 | 1 | FLOAT | | |
| 10062 | Min. value 32. Harmonic U L2 | 1 | FLOAT | | |
| 10064 | Min. value 33. Harmonic U L2 | 1 | FLOAT | | |
| 10066 | Min. value 34. Harmonic U L2 | 1 | FLOAT | | |
| 10068 | Min. value 35. Harmonic U L2 | 1 | FLOAT | | |
| 10070 | Min. value 36. Harmonic U L2 | 1 | FLOAT | | |
| 10072 | Min. value 37. Harmonic U L2 | 1 | FLOAT | | |
| 10074 | Min. value 38. Harmonic U L2 | 1 | FLOAT | | |
| 10076 | Min. value 39. Harmonic U L2 | 1 | FLOAT | | |
| 10078 | Min. value 40. Harmonic U L2 | 1 | FLOAT | | |
| 10080 | Min. value 1. Harmonic U L3 | 1 | FLOAT | | |
| 10082 | Min. value 2. Harmonic U L3 | 1 | FLOAT | | |
| 10084 | Min. value 3. Harmonic U L3 | 1 | FLOAT | | |
| 10086 | Min. value 4. Harmonic U L3 | 1 | FLOAT | | |
| 10088 | Min. value 5. Harmonic U L3 | 1 | FLOAT | | |
| 10090 | Min. value 6. Harmonic U L3 | 1 | FLOAT | | |
| 10092 | Min. value 7. Harmonic U L3 | 1 | FLOAT | | |
| 10094 | Min. value 8. Harmonic U L3 | 1 | FLOAT | | |
| 10096 | Min. value 9. Harmonic U L3 | 1 | FLOAT | | |
| 10098 | Min. value 10. Harmonic U L3 | 1 | FLOAT | | |
| 10100 | Min. value 11. Harmonic U L3 | 1 | FLOAT | | |
| 10102 | Min. value 12. Harmonic U L3 | 1 | FLOAT | | |
| 10104 | Min. value 13. Harmonic U L3 | 1 | FLOAT | | |
| 10106 | Min. value 14. Harmonic U L3 | 1 | FLOAT | | |
| 10108 | Min. value 15. Harmonic U L3 | 1 | FLOAT | | |
| 10110 | Min. value 16. Harmonic U L3 | 1 | FLOAT | | |
| 10112 | Min. value 17. Harmonic U L3 | 1 | FLOAT | | |
| 10114 | Min. value 18. Harmonic U L3 | 1 | FLOAT | | |
| 10116 | Min. value 19. Harmonic U L3 | 1 | FLOAT | | |
| 10118 | Min. value 20. Harmonic U L3 | 1 | FLOAT | | |
| 10120 | Min. value 21. Harmonic U L3 | 1 | FLOAT | | |
| 10122 | Min. value 22. Harmonic U L3 | 1 | FLOAT | | |
| 10124 | Min. value 23. Harmonic U L3 | 1 | FLOAT | | |
| 10126 | Min. value 24. Harmonic U L3 | 1 | FLOAT | | |
| 10128 | Min. value 25. Harmonic U L3 | 1 | FLOAT | | |
| 10130 | Min. value 26. Harmonic U L3 | 1 | FLOAT | | |
| 10132 | Min. value 27. Harmonic U L3 | 1 | FLOAT | | |
| 10134 | Min. value 28. Harmonic U L3 | 1 | FLOAT | | |
| 10136 | Min. value 29. Harmonic U L3 | 1 | FLOAT | | |
| 10138 | Min. value 30. Harmonic U L3 | 1 | FLOAT | | |
| 10140 | Min. value 31. Harmonic U L3 | 1 | FLOAT | | |
| 10142 | Min. value 32. Harmonic U L3 | 1 | FLOAT | | |
| 10144 | Min. value 33. Harmonic U L3 | 1 | FLOAT | | |
| 10146 | Min. value 34. Harmonic U L3 | 1 | FLOAT | | |
| 10148 | Min. value 35. Harmonic U L3 | 1 | FLOAT | | |
| 10150 | Min. value 36. Harmonic U L3 | 1 | FLOAT | | |
| 10152 | Min. value 37. Harmonic U L3 | 1 | FLOAT | | |
| 10154 | Min. value 38. Harmonic U L3 | 1 | FLOAT | | |
| 10156 | Min. value 39. Harmonic U L3 | 1 | FLOAT | | |
| 10158 | Min. value 40. Harmonic U L3 | 1 | FLOAT | | |
| 10160 | Time stamp, Min. value 1. Harm. U L1 | | FLOAT | | |
| 10162 | Time stamp, Min. value 2. Harm. U L1 | | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|----------------------------|----------------|-------|------|--------|
| 10164 | Time stamp, Min. value 3. | Harm. U L1 | FLOAT | | |
| 10166 | Time stamp, Min. value 4. | Harm. U L1 | FLOAT | | |
| 10168 | Time stamp, Min. value 5. | Harm. U L1 | FLOAT | | |
| 10170 | Time stamp, Min. value 6. | Harm. U L1 | FLOAT | | |
| 10172 | Time stamp, Min. value 7. | Harm. U L1 | FLOAT | | |
| 10174 | Time stamp, Min. value 8. | Harm. U L1 | FLOAT | | |
| 10176 | Time stamp, Min. value 9. | Harm. U L1 | FLOAT | | |
| 10178 | Time stamp, Min. value 10. | Harm. U L1 | FLOAT | | |
| 10180 | Time stamp, Min. value 11. | Harm. U L1 | FLOAT | | |
| 10182 | Time stamp, Min. value 12. | Harm. U L1 | FLOAT | | |
| 10184 | Time stamp, Min. value 13. | Harm. U L1 | FLOAT | | |
| 10186 | Time stamp, Min. value 14. | Harm. U L1 | FLOAT | | |
| 10188 | Time stamp, Min. value 15. | Harm. U L1 | FLOAT | | |
| 10190 | Time stamp, Min. value 16. | Harm. U L1 | FLOAT | | |
| 10192 | Time stamp, Min. value 17. | Harm. U L1 | FLOAT | | |
| 10194 | Time stamp, Min. value 18. | Harm. U L1 | FLOAT | | |
| 10196 | Time stamp, Min. value 19. | Harm. U L1 | FLOAT | | |
| 10198 | Time stamp, Min. value 20. | Harm. U L1 | FLOAT | | |
| 10200 | Time stamp, Min. value 21. | Harm. U L1 | FLOAT | | |
| 10202 | Time stamp, Min. value 22. | Harm. U L1 | FLOAT | | |
| 10204 | Time stamp, Min. value 23. | Harm. U L1 | FLOAT | | |
| 10206 | Time stamp, Min. value 24. | Harm. U L1 | FLOAT | | |
| 10208 | Time stamp, Min. value 25. | Harm. U L1 | FLOAT | | |
| 10210 | Time stamp, Min. value 26. | Harm. U L1 | FLOAT | | |
| 10212 | Time stamp, Min. value 27. | Harm. U L1 | FLOAT | | |
| 10214 | Time stamp, Min. value 28. | Harm. U L1 | FLOAT | | |
| 10216 | Time stamp, Min. value 29. | Harm. U L1 | FLOAT | | |
| 10218 | Time stamp, Min. value 30. | Harm. U L1 | FLOAT | | |
| 10220 | Time stamp, Min. value 31. | Harm. U L1 | FLOAT | | |
| 10222 | Time stamp, Min. value 32. | Harm. U L1 | FLOAT | | |
| 10224 | Time stamp, Min. value 33. | Harm. U L1 | FLOAT | | |
| 10226 | Time stamp, Min. value 34. | Harm. U L1 | FLOAT | | |
| 10228 | Time stamp, Min. value 35. | Harm. U L1 | FLOAT | | |
| 10230 | Time stamp, Min. value 36. | Harm. U L1 | FLOAT | | |
| 10232 | Time stamp, Min. value 37. | Harm. U L1 | FLOAT | | |
| 10234 | Time stamp, Min. value 38. | Harm. U L1 | FLOAT | | |
| 10236 | Time stamp, Min. value 39. | Harm. U L1 | FLOAT | | |
| 10238 | Time stamp, Min. value 40. | Harm. U L1 | FLOAT | | |
| 10240 | Time stamp, Min. value 1. | Harm. U L2 | FLOAT | | |
| 10242 | Time stamp, Min. value 2. | Harm. U L2 | FLOAT | | |
| 10244 | Time stamp, Min. value 3. | Harm. U L2 | FLOAT | | |
| 10246 | Time stamp, Min. value 4. | Harm. U L2 | FLOAT | | |
| 10248 | Time stamp, Min. value 5. | Harm. U L2 | FLOAT | | |
| 10250 | Time stamp, Min. value 6. | Harm. U L2 | FLOAT | | |
| 10252 | Time stamp, Min. value 7. | Harm. U L2 | FLOAT | | |
| 10254 | Time stamp, Min. value 8. | Harm. U L2 | FLOAT | | |
| 10256 | Time stamp, Min. value 9. | Harm. U L2 | FLOAT | | |
| 10258 | Time stamp, Min. value 10. | Harm. U L2 | FLOAT | | |
| 10260 | Time stamp, Min. value 11. | Harm. U L2 | FLOAT | | |
| 10262 | Time stamp, Min. value 12. | Harm. U L2 | FLOAT | | |
| 10264 | Time stamp, Min. value 13. | Harm. U L2 | FLOAT | | |
| 10266 | Time stamp, Min. value 14. | Harm. U L2 | FLOAT | | |
| 10268 | Time stamp, Min. value 15. | Harm. U L2 | FLOAT | | |
| 10270 | Time stamp, Min. value 16. | Harm. U L2 | FLOAT | | |
| 10272 | Time stamp, Min. value 17. | Harm. U L2 | FLOAT | | |
| 10274 | Time stamp, Min. value 18. | Harm. U L2 | FLOAT | | |
| 10276 | Time stamp, Min. value 19. | Harm. U L2 | FLOAT | | |
| 10278 | Time stamp, Min. value 20. | Harm. U L2 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|----------------------------|----------------|-------|------|--------|
| 10280 | Time stamp, Min. value 21. | Harm. U L2 | FLOAT | | |
| 10282 | Time stamp, Min. value 22. | Harm. U L2 | FLOAT | | |
| 10284 | Time stamp, Min. value 23. | Harm. U L2 | FLOAT | | |
| 10286 | Time stamp, Min. value 24. | Harm. U L2 | FLOAT | | |
| 10288 | Time stamp, Min. value 25. | Harm. U L2 | FLOAT | | |
| 10290 | Time stamp, Min. value 26. | Harm. U L2 | FLOAT | | |
| 10292 | Time stamp, Min. value 27. | Harm. U L2 | FLOAT | | |
| 10294 | Time stamp, Min. value 28. | Harm. U L2 | FLOAT | | |
| 10296 | Time stamp, Min. value 29. | Harm. U L2 | FLOAT | | |
| 10298 | Time stamp, Min. value 30. | Harm. U L2 | FLOAT | | |
| 10300 | Time stamp, Min. value 31. | Harm. U L2 | FLOAT | | |
| 10302 | Time stamp, Min. value 32. | Harm. U L2 | FLOAT | | |
| 10304 | Time stamp, Min. value 33. | Harm. U L2 | FLOAT | | |
| 10306 | Time stamp, Min. value 34. | Harm. U L2 | FLOAT | | |
| 10308 | Time stamp, Min. value 35. | Harm. U L2 | FLOAT | | |
| 10310 | Time stamp, Min. value 36. | Harm. U L2 | FLOAT | | |
| 10312 | Time stamp, Min. value 37. | Harm. U L2 | FLOAT | | |
| 10314 | Time stamp, Min. value 38. | Harm. U L2 | FLOAT | | |
| 10316 | Time stamp, Min. value 39. | Harm. U L2 | FLOAT | | |
| 10318 | Time stamp, Min. value 40. | Harm. U L2 | FLOAT | | |
| 10320 | Time stamp, Min. value 1. | Harm. U L3 | FLOAT | | |
| 10322 | Time stamp, Min. value 2. | Harm. U L3 | FLOAT | | |
| 10324 | Time stamp, Min. value 3. | Harm. U L3 | FLOAT | | |
| 10326 | Time stamp, Min. value 4. | Harm. U L3 | FLOAT | | |
| 10328 | Time stamp, Min. value 5. | Harm. U L3 | FLOAT | | |
| 10330 | Time stamp, Min. value 6. | Harm. U L3 | FLOAT | | |
| 10332 | Time stamp, Min. value 7. | Harm. U L3 | FLOAT | | |
| 10334 | Time stamp, Min. value 8. | Harm. U L3 | FLOAT | | |
| 10336 | Time stamp, Min. value 9. | Harm. U L3 | FLOAT | | |
| 10338 | Time stamp, Min. value 10. | Harm. U L3 | FLOAT | | |
| 10340 | Time stamp, Min. value 11. | Harm. U L3 | FLOAT | | |
| 10342 | Time stamp, Min. value 12. | Harm. U L3 | FLOAT | | |
| 10344 | Time stamp, Min. value 13. | Harm. U L3 | FLOAT | | |
| 10346 | Time stamp, Min. value 14. | Harm. U L3 | FLOAT | | |
| 10348 | Time stamp, Min. value 15. | Harm. U L3 | FLOAT | | |
| 10350 | Time stamp, Min. value 16. | Harm. U L3 | FLOAT | | |
| 10352 | Time stamp, Min. value 17. | Harm. U L3 | FLOAT | | |
| 10354 | Time stamp, Min. value 18. | Harm. U L3 | FLOAT | | |
| 10356 | Time stamp, Min. value 19. | Harm. U L3 | FLOAT | | |
| 10358 | Time stamp, Min. value 20. | Harm. U L3 | FLOAT | | |
| 10360 | Time stamp, Min. value 21. | Harm. U L3 | FLOAT | | |
| 10362 | Time stamp, Min. value 22. | Harm. U L3 | FLOAT | | |
| 10364 | Time stamp, Min. value 23. | Harm. U L3 | FLOAT | | |
| 10366 | Time stamp, Min. value 24. | Harm. U L3 | FLOAT | | |
| 10368 | Time stamp, Min. value 25. | Harm. U L3 | FLOAT | | |
| 10370 | Time stamp, Min. value 26. | Harm. U L3 | FLOAT | | |
| 10372 | Time stamp, Min. value 27. | Harm. U L3 | FLOAT | | |
| 10374 | Time stamp, Min. value 28. | Harm. U L3 | FLOAT | | |
| 10376 | Time stamp, Min. value 29. | Harm. U L3 | FLOAT | | |
| 10378 | Time stamp, Min. value 30. | Harm. U L3 | FLOAT | | |
| 10380 | Time stamp, Min. value 31. | Harm. U L3 | FLOAT | | |
| 10382 | Time stamp, Min. value 32. | Harm. U L3 | FLOAT | | |
| 10384 | Time stamp, Min. value 33. | Harm. U L3 | FLOAT | | |
| 10386 | Time stamp, Min. value 34. | Harm. U L3 | FLOAT | | |
| 10388 | Time stamp, Min. value 35. | Harm. U L3 | FLOAT | | |
| 10390 | Time stamp, Min. value 36. | Harm. U L3 | FLOAT | | |
| 10392 | Time stamp, Min. value 37. | Harm. U L3 | FLOAT | | |
| 10394 | Time stamp, Min. value 38. | Harm. U L3 | FLOAT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 10396 | Time stamp, Min. value 39. Harm. U L3 | | FLOAT | | |
| 10398 | Time stamp, Min. value 40. Harm. U L3 | | FLOAT | | |
| 11000 | U L1 | 10 | SHORT | | VT |
| 11001 | U L2 | 10 | SHORT | | VT |
| 11002 | U L3 | 10 | SHORT | | VT |
| 11003 | U L1-L2 | 10 | SHORT | | VT |
| 11004 | U L2-L3 | 10 | SHORT | | VT |
| 11005 | U L3-L1 | 10 | SHORT | | VT |
| 11006 | I L1 | 1000 | SHORT | | CT |
| 11007 | I L2 | 1000 | SHORT | | CT |
| 11008 | I L3 | 1000 | SHORT | | CT |
| 11009 | I Sum | 1000 | SHORT | | CT |
| 11010 | P L1 | 10 | SHORT | | CT VT |
| 11011 | P L2 | 10 | SHORT | | CT VT |
| 11012 | P L3 | 10 | SHORT | | CT VT |
| 11013 | P Sum | 1 | SHORT | | CT VT |
| 11014 | Q L1 | 10 | SHORT | | CT VT |
| 11015 | Q L2 | 10 | SHORT | | CT VT |
| 11016 | Q L3 | 10 | SHORT | | CT VT |
| 11017 | Q Sum | 1 | SHORT | | CT VT |
| 11018 | S L1 | 10 | SHORT | | CT VT |
| 11019 | S L2 | 10 | SHORT | | CT VT |
| 11020 | S L3 | 10 | SHORT | | CT VT |
| 11021 | S Sum | 1 | SHORT | | CT VT |
| 11022 | CosPhi L1 | 100 | SHORT | | |
| 11023 | CosPhi L2 | 100 | SHORT | | |
| 11024 | CosPhi L3 | 100 | SHORT | | |
| 11025 | CosPhi Sum | 100 | SHORT | | |
| 11026 | Real power, fundamental oscillation, L1 | 10 | SHORT | | CT VT |
| 11027 | Real power, fundamental oscillation, L2 | 10 | SHORT | | CT VT |
| 11028 | Real power, fundamental oscillation, L3 | 10 | SHORT | | CT VT |
| 11029 | 1. Harmonic U L1 | 10 | SHORT | | VT |
| 11030 | 3. Harmonic U L1 | 10 | SHORT | | VT |
| 11031 | 5. Harmonic U L1 | 10 | SHORT | | VT |
| 11032 | 7. Harmonic U L1 | 10 | SHORT | | VT |
| 11033 | 9. Harmonic U L1 | 10 | SHORT | | VT |
| 11034 | 11. Harmonic U L1 | 10 | SHORT | | VT |
| 11035 | 13. Harmonic U L1 | 10 | SHORT | | VT |
| 11036 | 15. Harmonic U L1 | 10 | SHORT | | VT |
| 11037 | 17. Harmonic U L1 | 10 | SHORT | | VT |
| 11038 | 19. Harmonic U L1 | 10 | SHORT | | VT |
| 11039 | 21. Harmonic U L1 | 10 | SHORT | | VT |
| 11040 | 23. Harmonic U L1 | 10 | SHORT | | VT |
| 11041 | 25. Harmonic U L1 | 10 | SHORT | | VT |
| 11042 | 1. Harmonic U L2 | 10 | SHORT | | VT |
| 11043 | 3. Harmonic U L2 | 10 | SHORT | | VT |
| 11044 | 5. Harmonic U L2 | 10 | SHORT | | VT |
| 11045 | 7. Harmonic U L2 | 10 | SHORT | | VT |
| 11046 | 9. Harmonic U L2 | 10 | SHORT | | VT |
| 11047 | 11. Harmonic U L2 | 10 | SHORT | | VT |
| 11048 | 13. Harmonic U L2 | 10 | SHORT | | VT |
| 11049 | 15. Harmonic U L2 | 10 | SHORT | | VT |
| 11050 | 17. Harmonic U L2 | 10 | SHORT | | VT |
| 11051 | 19. Harmonic U L2 | 10 | SHORT | | VT |
| 11052 | 21. Harmonic U L2 | 10 | SHORT | | VT |
| 11053 | 23. Harmonic U L2 | 10 | SHORT | | VT |
| 11054 | 25. Harmonic U L2 | 10 | SHORT | | VT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|-------------------|----------------|-------|------|--------|
| 11055 | 1. Harmonic U L3 | 10 | SHORT | | VT |
| 11056 | 3. Harmonic U L3 | 10 | SHORT | | VT |
| 11057 | 5. Harmonic U L3 | 10 | SHORT | | VT |
| 11058 | 7. Harmonic U L3 | 10 | SHORT | | VT |
| 11059 | 9. Harmonic U L3 | 10 | SHORT | | VT |
| 11060 | 11. Harmonic U L3 | 10 | SHORT | | VT |
| 11061 | 13. Harmonic U L3 | 10 | SHORT | | VT |
| 11062 | 15. Harmonic U L3 | 10 | SHORT | | VT |
| 11063 | 17. Harmonic U L3 | 10 | SHORT | | VT |
| 11064 | 19. Harmonic U L3 | 10 | SHORT | | VT |
| 11065 | 21. Harmonic U L3 | 10 | SHORT | | VT |
| 11066 | 23. Harmonic U L3 | 10 | SHORT | | VT |
| 11067 | 25. Harmonic U L3 | 10 | SHORT | | VT |
| 11068 | 1. Harmonic I L1 | 1000 | SHORT | | CT |
| 11069 | 3. Harmonic I L1 | 1000 | SHORT | | CT |
| 11070 | 5. Harmonic I L1 | 1000 | SHORT | | CT |
| 11071 | 7. Harmonic I L1 | 1000 | SHORT | | CT |
| 11072 | 9. Harmonic I L1 | 1000 | SHORT | | CT |
| 11073 | 11. Harmonic I L1 | 1000 | SHORT | | CT |
| 11074 | 13. Harmonic I L1 | 1000 | SHORT | | CT |
| 11075 | 15. Harmonic I L1 | 1000 | SHORT | | CT |
| 11076 | 17. Harmonic I L1 | 1000 | SHORT | | CT |
| 11077 | 19. Harmonic I L1 | 1000 | SHORT | | CT |
| 11078 | 21. Harmonic I L1 | 1000 | SHORT | | CT |
| 11079 | 23. Harmonic I L1 | 1000 | SHORT | | CT |
| 11080 | 25. Harmonic I L1 | 1000 | SHORT | | CT |
| 11081 | 1. Harmonic I L2 | 1000 | SHORT | | CT |
| 11082 | 3. Harmonic I L2 | 1000 | SHORT | | CT |
| 11083 | 5. Harmonic I L2 | 1000 | SHORT | | CT |
| 11084 | 7. Harmonic I L2 | 1000 | SHORT | | CT |
| 11085 | 9. Harmonic I L2 | 1000 | SHORT | | CT |
| 11086 | 11. Harmonic I L2 | 1000 | SHORT | | CT |
| 11087 | 13. Harmonic I L2 | 1000 | SHORT | | CT |
| 11088 | 15. Harmonic I L2 | 1000 | SHORT | | CT |
| 11089 | 17. Harmonic I L2 | 1000 | SHORT | | CT |
| 11090 | 19. Harmonic I L2 | 1000 | SHORT | | CT |
| 11091 | 22. Harmonic I L2 | 1000 | SHORT | | CT |
| 11092 | 23. Harmonic I L2 | 1000 | SHORT | | CT |
| 11093 | 25. Harmonic I L2 | 1000 | SHORT | | CT |
| 11094 | 1. Harmonic I L3 | 1000 | SHORT | | CT |
| 11095 | 3. Harmonic I L3 | 1000 | SHORT | | CT |
| 11096 | 5. Harmonic I L3 | 1000 | SHORT | | CT |
| 11097 | 7. Harmonic I L3 | 1000 | SHORT | | CT |
| 11098 | 9. Harmonic I L3 | 1000 | SHORT | | CT |
| 11099 | 11. Harmonic I L3 | 1000 | SHORT | | CT |
| 11100 | 13. Harmonic I L3 | 1000 | SHORT | | CT |
| 11101 | 15. Harmonic I L3 | 1000 | SHORT | | CT |
| 11102 | 17. Harmonic I L3 | 1000 | SHORT | | CT |
| 11103 | 19. Harmonic I L3 | 1000 | SHORT | | CT |
| 11108 | 21. Harmonic I L3 | 1000 | SHORT | | CT |
| 11109 | 23. Harmonic I L3 | 1000 | SHORT | | CT |
| 11110 | 25. Harmonic I L3 | 1000 | SHORT | | CT |
| 11111 | THD U L1 | 100 | SHORT | | |
| 11112 | THD U L2 | 100 | SHORT | | |
| 11113 | THD U L3 | 100 | SHORT | | |
| 11114 | THD I L1 | 100 | SHORT | | |
| 11115 | THD I L2 | 100 | SHORT | | |
| 11116 | THD I L3 | 100 | SHORT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|---|
| 11117 | Frequency | 100 | SHORT | | |
| 11118 | Zero sequence U | 10 | SHORT | | VT |
| 11119 | Postive sequence U | 10 | SHORT | | VT |
| 11120 | Negative sequence U | 10 | SHORT | | VT |
| 11121 | Zero sequence I | 1000 | SHORT | | CT |
| 11122 | Postive sequence I | 1000 | SHORT | | CT |
| 11123 | Negative sequence I | 1000 | SHORT | | CT |
| 11124 | Distortion power L1 | 10 | SHORT | | CT VT |
| 11125 | Distortion power L2 | 10 | SHORT | | CT VT |
| 11126 | Distortion power L3 | 10 | SHORT | | CT VT |
| 11127 | Distortion power Sum | 1 | SHORT | | CT VT |
| 11128 | Rotation field | 1 | SHORT | | +1= right rotary 0= no rotary field -1= left rotary field |
| fieldd | | | | | |
| 11130 | Comparator 1A Lead Time | 1 | LONG | | |
| 11132 | Comparator 1B Lead Time | 1 | LONG | | |
| 11134 | Comparator 1C Lead Time | 1 | LONG | | |
| 11136 | Comparator 2A Lead Time | 1 | LONG | | |
| 11138 | Comparator 2B Lead Time | 1 | LONG | | |
| 11140 | Comparator 2C Lead Time | 1 | LONG | | |
| 11142 | Operating hours counter | 1 | LONG | | |
| 12000 | Mean value U L1 | 10 | SHORT | | VT |
| 12001 | Mean value U L2 | 10 | SHORT | | VT |
| 12002 | Mean value U L3 | 10 | SHORT | | VT |
| 12003 | Mean value U L1-L2 | 10 | SHORT | | VT |
| 12004 | Mean value U L2-L3 | 10 | SHORT | | VT |
| 12005 | Mean value U L3-L1 | 10 | SHORT | | VT |
| 12006 | Mean value I L1 | 1000 | SHORT | | CT |
| 12007 | Mean value I L2 | 1000 | SHORT | | CT |
| 12008 | Mean value I L3 | 1000 | SHORT | | CT |
| 12009 | Mean value I Sum | 1000 | SHORT | | CT |
| 12010 | Mean value P L1 | 10 | SHORT | | CT VT |
| 12011 | Mean value P L2 | 10 | SHORT | | CT VT |
| 12012 | Mean value P L3 | 10 | SHORT | | CT VT |
| 12013 | Mean value P Sum | 1 | SHORT | | CT VT |
| 12014 | Mean value Q L1 | 10 | SHORT | | CT VT |
| 12015 | Mean value Q L2 | 10 | SHORT | | CT VT |
| 12016 | Mean value Q L3 | 10 | SHORT | | CT VT |
| 12017 | Mean value Q Sum | 1 | SHORT | | CT VT |
| 12018 | Mean value S L1 | 10 | SHORT | | CT VT |
| 12019 | Mean value S L2 | 10 | SHORT | | CT VT |
| 12020 | Mean value S L3 | 10 | SHORT | | CT VT |
| 12021 | Mean value S Sum | 1 | SHORT | | CT VT |
| 12022 | Mean value Cosphi L1 | 1000 | SHORT | | |
| 12023 | Mean value Cosphi L2 | 1000 | SHORT | | |
| 12024 | Mean value Cosphi L3 | 1000 | SHORT | | |
| 12025 | Mean value Cosphi Sum | 1000 | SHORT | | |
| 12026 | Mean value P L1 | 10 | SHORT | | CT VT |
| 12027 | Mean value P L2 | 10 | SHORT | | CT VT |
| 12028 | Mean value P L3 | 10 | SHORT | | CT VT |
| 12029 | Mean value 1. Harmonic U L1 | 10 | SHORT | | VT |
| 12030 | Mean value 3. Harmonic U L1 | 10 | SHORT | | VT |
| 12031 | Mean value 5. Harmonic U L1 | 10 | SHORT | | VT |
| 12032 | Mean value 7. Harmonic U L1 | 10 | SHORT | | VT |
| 12033 | Mean value 9. Harmonic U L1 | 10 | SHORT | | VT |
| 12034 | Mean value 11. Harmonic U L1 | 10 | SHORT | | VT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|------------------------------|----------------|-------|------|--------|
| 12035 | Mean value 13. Harmonic U L1 | 10 | SHORT | | VT |
| 12036 | Mean value 15. Harmonic U L1 | 10 | SHORT | | VT |
| 12037 | Mean value 17. Harmonic U L1 | 10 | SHORT | | VT |
| 12038 | Mean value 19. Harmonic U L1 | 10 | SHORT | | VT |
| 12039 | Mean value 21. Harmonic U L1 | 10 | SHORT | | VT |
| 12040 | Mean value 23. Harmonic U L1 | 10 | SHORT | | VT |
| 12041 | Mean value 25. Harmonic U L1 | 10 | SHORT | | VT |
| 12042 | Mean value 1. Harmonic U L2 | 10 | SHORT | | VT |
| 12043 | Mean value 3. Harmonic U L2 | 10 | SHORT | | VT |
| 12044 | Mean value 5. Harmonic U L2 | 10 | SHORT | | VT |
| 12045 | Mean value 7. Harmonic U L2 | 10 | SHORT | | VT |
| 12046 | Mean value 9. Harmonic U L2 | 10 | SHORT | | VT |
| 12047 | Mean value 11. Harmonic U L2 | 10 | SHORT | | VT |
| 12048 | Mean value 13. Harmonic U L2 | 10 | SHORT | | VT |
| 12049 | Mean value 15. Harmonic U L2 | 10 | SHORT | | VT |
| 12050 | Mean value 17. Harmonic U L2 | 10 | SHORT | | VT |
| 12051 | Mean value 19. Harmonic U L2 | 10 | SHORT | | VT |
| 12052 | Mean value 21. Harmonic U L2 | 10 | SHORT | | VT |
| 12053 | Mean value 23. Harmonic U L2 | 10 | SHORT | | VT |
| 12054 | Mean value 25. Harmonic U L2 | 10 | SHORT | | VT |
| 12055 | Mean value 1. Harmonic U L3 | 10 | SHORT | | VT |
| 12056 | Mean value 3. Harmonic U L3 | 10 | SHORT | | VT |
| 12057 | Mean value 5. Harmonic U L3 | 10 | SHORT | | VT |
| 12058 | Mean value 7. Harmonic U L3 | 10 | SHORT | | VT |
| 12059 | Mean value 9. Harmonic U L3 | 10 | SHORT | | VT |
| 12060 | Mean value 11. Harmonic U L3 | 10 | SHORT | | VT |
| 12061 | Mean value 13. Harmonic U L3 | 10 | SHORT | | VT |
| 12062 | Mean value 15. Harmonic U L3 | 10 | SHORT | | VT |
| 12063 | Mean value 17. Harmonic U L3 | 10 | SHORT | | VT |
| 12064 | Mean value 19. Harmonic U L3 | 10 | SHORT | | VT |
| 12065 | Mean value 21. Harmonic U L3 | 10 | SHORT | | VT |
| 12066 | Mean value 23. Harmonic U L3 | 10 | SHORT | | VT |
| 12067 | Mean value 25. Harmonic U L3 | 10 | SHORT | | VT |
| 12068 | Mean value 1. Harmonic I L1 | 1000 | SHORT | | CT |
| 12069 | Mean value 3. Harmonic I L1 | 1000 | SHORT | | CT |
| 12070 | Mean value 5. Harmonic I L1 | 1000 | SHORT | | CT |
| 12071 | Mean value 7. Harmonic I L1 | 1000 | SHORT | | CT |
| 12072 | Mean value 9. Harmonic I L1 | 1000 | SHORT | | CT |
| 12073 | Mean value 11. Harmonic I L1 | 1000 | SHORT | | CT |
| 12074 | Mean value 13. Harmonic I L1 | 1000 | SHORT | | CT |
| 12075 | Mean value 15. Harmonic I L1 | 1000 | SHORT | | CT |
| 12076 | Mean value 17. Harmonic I L1 | 1000 | SHORT | | CT |
| 12077 | Mean value 19. Harmonic I L1 | 1000 | SHORT | | CT |
| 12078 | Mean value 21. Harmonic I L1 | 1000 | SHORT | | CT |
| 12079 | Mean value 23. Harmonic I L1 | 1000 | SHORT | | CT |
| 12080 | Mean value 25. Harmonic I L1 | 1000 | SHORT | | CT |
| 12081 | Mean value 1. Harmonic I L1 | 1000 | SHORT | | CT |
| 12082 | Mean value 3. Harmonic I L1 | 1000 | SHORT | | CT |
| 12083 | Mean value 5. Harmonic I L1 | 1000 | SHORT | | CT |
| 12084 | Mean value 7. Harmonic I L1 | 1000 | SHORT | | CT |
| 12085 | Mean value 9. Harmonic I L1 | 1000 | SHORT | | CT |
| 12086 | Mean value 11. Harmonic I L1 | 1000 | SHORT | | CT |
| 12087 | Mean value 13. Harmonic I L1 | 1000 | SHORT | | CT |
| 12088 | Mean value 15. Harmonic I L1 | 1000 | SHORT | | CT |
| 12089 | Mean value 17. Harmonic I L1 | 1000 | SHORT | | CT |
| 12090 | Mean value 19. Harmonic I L1 | 1000 | SHORT | | CT |
| 12091 | Mean value 21. Harmonic I L1 | 1000 | SHORT | | CT |
| 12092 | Mean value 23. Harmonic I L1 | 1000 | SHORT | | CT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--------------------------------|----------------|-------|------|--------|
| 12093 | Mean value 25. Harmonic I L1 | 1000 | SHORT | | CT |
| 12094 | Mean value 1. Harmonic I L2 | 1000 | SHORT | | CT |
| 12095 | Mean value 3. Harmonic I L2 | 1000 | SHORT | | CT |
| 12096 | Mean value 5. Harmonic I L2 | 1000 | SHORT | | CT |
| 12097 | Mean value 7. Harmonic I L2 | 1000 | SHORT | | CT |
| 12098 | Mean value 9. Harmonic I L2 | 1000 | SHORT | | CT |
| 12099 | Mean value 11. Harmonic I L2 | 1000 | SHORT | | CT |
| 12100 | Mean value 13. Harmonic I L2 | 1000 | SHORT | | CT |
| 12101 | Mean value 15. Harmonic I L2 | 1000 | SHORT | | CT |
| 12102 | Mean value 17. Harmonic I L2 | 1000 | SHORT | | CT |
| 12103 | Mean value 19. Harmonic I L2 | 1000 | SHORT | | CT |
| 12104 | Mean value 21. Harmonic I L2 | 1000 | SHORT | | CT |
| 12105 | Mean value 23. Harmonic I L2 | 1000 | SHORT | | CT |
| 12106 | Mean value 25. Harmonic I L2 | 1000 | SHORT | | CT |
| 12107 | Mean value THD U L1 | 100 | SHORT | | |
| 12108 | Mean value THD U L2 | 100 | SHORT | | |
| 12109 | Mean value THD U L3 | 100 | SHORT | | |
| 12110 | Mean value THD I L1 | 100 | SHORT | | |
| 12111 | Mean value THD I L2 | 100 | SHORT | | |
| 12112 | Mean value THD I L3 | 100 | SHORT | | |
| 12113 | Mean value Frequency | 100 | SHORT | | |
| 12114 | Mean value Zero sequence U | 10 | SHORT | | VT |
| 12115 | Mean value Postive sequence U | 10 | SHORT | | VT |
| 12116 | Mean value Negative sequence U | 10 | SHORT | | VT |
| 12117 | Mean value Zero sequence I | 1000 | SHORT | | CT |
| 12118 | Mean value Postive sequence I | 1000 | SHORT | | CT |
| 12119 | Mean value Negative sequence I | 1000 | SHORT | | CT |
| 12120 | Mean value Distortion power L1 | 10 | SHORT | | CT VT |
| 12121 | Mean value Distortion power L2 | 10 | SHORT | | CT VT |
| 12122 | Mean value Distortion power L3 | 10 | SHORT | | CT VT |
| 12123 | Mean value Distortion power L4 | 1 | SHORT | | CT VT |
| 13000 | Max. value U L1 | 10 | SHORT | | VT |
| 13001 | Max. value U L2 | 10 | SHORT | | VT |
| 13002 | Max. value U L3 | 10 | SHORT | | VT |
| 13003 | Max. value U L1-L2 | 10 | SHORT | | VT |
| 13004 | Max. value U L2-L3 | 10 | SHORT | | VT |
| 13005 | Max. value U L3-L1 | 10 | SHORT | | VT |
| 13006 | Max. value I L1 | 1000 | SHORT | | CT |
| 13007 | Max. value I L2 | 1000 | SHORT | | CT |
| 13008 | Max. value I L3 | 1000 | SHORT | | CT |
| 13009 | Max. value I Sum | 1000 | SHORT | | CT |
| 13010 | Max. value P L1 | 10 | SHORT | | CT VT |
| 13011 | Max. value P L2 | 10 | SHORT | | CT VT |
| 13012 | Max. value P L3 | 10 | SHORT | | CT VT |
| 13013 | Max. value P Sum | 1 | SHORT | | CT VT |
| 13014 | Max. value Q L1 | 10 | SHORT | | CT VT |
| 13015 | Max. value Q L2 | 10 | SHORT | | CT VT |
| 13016 | Max. value Q L3 | 10 | SHORT | | CT VT |
| 13017 | Max. value Q Sum | 1 | SHORT | | CT VT |
| 13018 | Max. value S L1 | 10 | SHORT | | CT VT |
| 13019 | Max. value S L2 | 10 | SHORT | | CT VT |
| 13020 | Max. value S L3 | 10 | SHORT | | CT VT |
| 13021 | Max. value S Sum | 1 | SHORT | | CT VT |
| 13022 | Max. value CosPhi L1 | 1000 | SHORT | | |
| 13023 | Max. value CosPhi L2 | 1000 | SHORT | | |
| 13024 | Max. value CosPhi L3 | 1000 | SHORT | | |
| 13025 | Max. value CosPhi Sum | 1000 | SHORT | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|-------|------|--------|
| 13026 | Max. value real power, fund. oscillation L1 | 10 | SHORT | | CT VT |
| 13027 | Max. value real power, fund. oscillation L2 | 10 | SHORT | | CT VT |
| 13028 | Max. value real power, fund. oscillation L3 | 10 | SHORT | | CT VT |
| 13029 | Max. value 1. Harmonic U L1 | 10 | SHORT | | VT |
| 13030 | Max. value 3. Harmonic U L1 | 10 | SHORT | | VT |
| 13031 | Max. value 5. Harmonic U L1 | 10 | SHORT | | VT |
| 13032 | Max. value 7. Harmonic U L1 | 10 | SHORT | | VT |
| 13033 | Max. value 9. Harmonic U L1 | 10 | SHORT | | VT |
| 13034 | Max. value 11. Harmonic U L1 | 10 | SHORT | | VT |
| 13035 | Max. value 13. Harmonic U L1 | 10 | SHORT | | VT |
| 13036 | Max. value 15. Harmonic U L1 | 10 | SHORT | | VT |
| 13037 | Max. value 17. Harmonic U L1 | 10 | SHORT | | VT |
| 13038 | Max. value 19. Harmonic U L1 | 10 | SHORT | | VT |
| 13039 | Max. value 21. Harmonic U L1 | 10 | SHORT | | VT |
| 13040 | Max. value 23. Harmonic U L1 | 10 | SHORT | | VT |
| 13041 | Max. value 25. Harmonic U L1 | 10 | SHORT | | VT |
| 13042 | Max. value 1. Harmonic U L2 | 10 | SHORT | | VT |
| 13043 | Max. value 3. Harmonic U L2 | 10 | SHORT | | VT |
| 13044 | Max. value 5. Harmonic U L2 | 10 | SHORT | | VT |
| 13045 | Max. value 7. Harmonic U L2 | 10 | SHORT | | VT |
| 13046 | Max. value 9. Harmonic U L2 | 10 | SHORT | | VT |
| 13047 | Max. value 11. Harmonic U L2 | 10 | SHORT | | VT |
| 13048 | Max. value 13. Harmonic U L2 | 10 | SHORT | | VT |
| 13049 | Max. value 15. Harmonic U L2 | 10 | SHORT | | VT |
| 13050 | Max. value 17. Harmonic U L2 | 10 | SHORT | | VT |
| 13051 | Max. value 19. Harmonic U L2 | 10 | SHORT | | VT |
| 13052 | Max. value 21. Harmonic U L2 | 10 | SHORT | | VT |
| 13053 | Max. value 23. Harmonic U L2 | 10 | SHORT | | VT |
| 13054 | Max. value 25. Harmonic U L2 | 10 | SHORT | | VT |
| 13055 | Max. value 1. Harmonic U L3 | 10 | SHORT | | VT |
| 13056 | Max. value 3. Harmonic U L3 | 10 | SHORT | | VT |
| 13057 | Max. value 5. Harmonic U L3 | 10 | SHORT | | VT |
| 13058 | Max. value 7. Harmonic U L3 | 10 | SHORT | | VT |
| 13059 | Max. value 9. Harmonic U L3 | 10 | SHORT | | VT |
| 13060 | Max. value 11. Harmonic U L3 | 10 | SHORT | | VT |
| 13061 | Max. value 13. Harmonic U L3 | 10 | SHORT | | VT |
| 13062 | Max. value 15. Harmonic U L3 | 10 | SHORT | | VT |
| 13063 | Max. value 17. Harmonic U L3 | 10 | SHORT | | VT |
| 13064 | Max. value 19. Harmonic U L3 | 10 | SHORT | | VT |
| 13065 | Max. value 21. Harmonic U L3 | 10 | SHORT | | VT |
| 13066 | Max. value 23. Harmonic U L3 | 10 | SHORT | | VT |
| 13067 | Max. value 25. Harmonic U L3 | 10 | SHORT | | VT |
| 13068 | Max. value 1. Harmonic I L1 | 1000 | SHORT | | CT |
| 13069 | Max. value 3. Harmonic I L1 | 1000 | SHORT | | CT |
| 13070 | Max. value 5. Harmonic I L1 | 1000 | SHORT | | CT |
| 13071 | Max. value 7. Harmonic I L1 | 1000 | SHORT | | CT |
| 13072 | Max. value 9. Harmonic I L1 | 1000 | SHORT | | CT |
| 13073 | Max. value 11. Harmonic I L1 | 1000 | SHORT | | CT |
| 13074 | Max. value 13. Harmonic I L1 | 1000 | SHORT | | CT |
| 13075 | Max. value 15. Harmonic I L1 | 1000 | SHORT | | CT |
| 13076 | Max. value 17. Harmonic I L1 | 1000 | SHORT | | CT |
| 13077 | Max. value 19. Harmonic I L1 | 1000 | SHORT | | CT |
| 13078 | Max. value 21. Harmonic I L1 | 1000 | SHORT | | CT |
| 13079 | Max. value 23. Harmonic I L1 | 1000 | SHORT | | CT |
| 13080 | Max. value 25. Harmonic I L1 | 1000 | SHORT | | CT |
| 13081 | Max. value 1. Harmonic I L2 | 1000 | SHORT | | CT |
| 13082 | Max. value 3. Harmonic I L2 | 1000 | SHORT | | CT |
| 13083 | Max. value 5. Harmonic I L2 | 1000 | SHORT | | CT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---------------------------------|----------------|-------|------|--------|
| 13084 | Max. value 7. Harmonic I L2 | 1000 | SHORT | | CT |
| 13085 | Max. value 9. Harmonic I L2 | 1000 | SHORT | | CT |
| 13086 | Max. value 11. Harmonic I L2 | 1000 | SHORT | | CT |
| 13087 | Max. value 13. Harmonic I L2 | 1000 | SHORT | | CT |
| 13088 | Max. value 15. Harmonic I L2 | 1000 | SHORT | | CT |
| 13089 | Max. value 17. Harmonic I L2 | 1000 | SHORT | | CT |
| 13090 | Max. value 19. Harmonic I L2 | 1000 | SHORT | | CT |
| 13091 | Max. value 21. Harmonic I L2 | 1000 | SHORT | | CT |
| 13092 | Max. value 23. Harmonic I L2 | 1000 | SHORT | | CT |
| 13093 | Max. value 25. Harmonic I L2 | 1000 | SHORT | | CT |
| 13094 | Max. value 1. Harmonic I L3 | 1000 | SHORT | | CT |
| 13095 | Max. value 3. Harmonic I L3 | 1000 | SHORT | | CT |
| 13096 | Max. value 5. Harmonic I L3 | 1000 | SHORT | | CT |
| 13097 | Max. value 7. Harmonic I L3 | 1000 | SHORT | | CT |
| 13098 | Max. value 9. Harmonic I L3 | 1000 | SHORT | | CT |
| 13099 | Max. value 11. Harmonic I L3 | 1000 | SHORT | | CT |
| 13100 | Max. value 13. Harmonic I L3 | 1000 | SHORT | | CT |
| 13101 | Max. value 15. Harmonic I L3 | 1000 | SHORT | | CT |
| 13102 | Max. value 17. Harmonic I L3 | 1000 | SHORT | | CT |
| 13103 | Max. value 19. Harmonic I L3 | 1000 | SHORT | | CT |
| 13104 | Max. value 21. Harmonic I L3 | 1000 | SHORT | | CT |
| 13105 | Max. value 23. Harmonic I L3 | 1000 | SHORT | | CT |
| 13106 | Max. value 25. Harmonic I L3 | 1000 | SHORT | | CT |
| 13107 | Max. value THD U L1 | 100 | SHORT | | |
| 13108 | Max. value THD U L2 | 100 | SHORT | | |
| 13109 | Max. value THD U L3 | 100 | SHORT | | |
| 13110 | Max. value THD I L1 | 100 | SHORT | | |
| 13111 | Max. value THD I L2 | 100 | SHORT | | |
| 13112 | Max. value THD I L3 | 100 | SHORT | | |
| 13113 | Max. value Frequency | 100 | SHORT | | |
| 13114 | Max. value U Zero sequence | 10 | SHORT | | VT |
| 13115 | Max. value U Postive sequence | 10 | SHORT | | VT |
| 13116 | Max. value U Negative sequence | 10 | SHORT | | VT |
| 13117 | Max. value I Zero sequence | 1000 | SHORT | | CT |
| 13118 | Max. value I Postive sequence | 1000 | SHORT | | CT |
| 13119 | Max. value I Negative sequence | 1000 | SHORT | | CT |
| 13120 | Max. value Distortion power L1 | 10 | SHORT | | CT VT |
| 13121 | Max. value Distortion power L2 | 10 | SHORT | | CT VT |
| 13122 | Max. value Distortion power L3 | 10 | SHORT | | CT VT |
| 13123 | Max. value Distortion power sum | 10 | SHORT | | CT VT |
| 13124 | Max. value Mean value I L1 | 1000 | SHORT | | CT |
| 13125 | Max. value Mean value I L2 | 1000 | SHORT | | CT |
| 13126 | Max. value Mean value I L3 | 1000 | SHORT | | CT |
| 13128 | Max. of Mean value P L1 | 10 | SHORT | | CT VT |
| 13129 | Max. of Mean value P L2 | 10 | SHORT | | CT VT |
| 13130 | Max. of Mean value P L3 | 10 | SHORT | | CT VT |
| 14000 | Min. value U L1 | 10 | SHORT | | VT |
| 14001 | Min. value U L2 | 10 | SHORT | | VT |
| 14002 | Min. value U L3 | 10 | SHORT | | VT |
| 14003 | Min. value U L1-L2 | 10 | SHORT | | VT |
| 14004 | Min. value U L2-L3 | 10 | SHORT | | VT |
| 14005 | Min. value U L3-L1 | 10 | SHORT | | VT |
| 14006 | Min. value CosPhi L1 | 1000 | SHORT | | |
| 14007 | Min. value CosPhi L2 | 1000 | SHORT | | |
| 14008 | Min. value CosPhi L3 | 1000 | SHORT | | |
| 14009 | Min. value CosPhi Sum | 1000 | SHORT | | |
| 14010 | Min. value 1. Harmonic U L1 | 10 | SHORT | | VT |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|--------------------------------|----------------|-------|------|--------|
| 14011 | Min. value 3. Harmonic U L1 | 10 | SHORT | | VT |
| 14012 | Min. value 5. Harmonic U L1 | 10 | SHORT | | VT |
| 14013 | Min. value 7. Harmonic U L1 | 10 | SHORT | | VT |
| 14014 | Min. value 9. Harmonic U L1 | 10 | SHORT | | VT |
| 14015 | Min. value 11. Harmonic U L1 | 10 | SHORT | | VT |
| 14016 | Min. value 13. Harmonic U L1 | 10 | SHORT | | VT |
| 14017 | Min. value 15. Harmonic U L1 | 10 | SHORT | | VT |
| 14018 | Min. value 17. Harmonic U L1 | 10 | SHORT | | VT |
| 14019 | Min. value 19. Harmonic U L1 | 10 | SHORT | | VT |
| 14020 | Min. value 21. Harmonic U L1 | 10 | SHORT | | VT |
| 14021 | Min. value 23. Harmonic U L1 | 10 | SHORT | | VT |
| 14022 | Min. value 25. Harmonic U L1 | 10 | SHORT | | VT |
| 14023 | Min. value 1. Harmonic U L2 | 10 | SHORT | | VT |
| 14024 | Min. value 3. Harmonic U L2 | 10 | SHORT | | VT |
| 14025 | Min. value 5. Harmonic U L2 | 10 | SHORT | | VT |
| 14026 | Min. value 7. Harmonic U L2 | 10 | SHORT | | VT |
| 14027 | Min. value 9. Harmonic U L2 | 10 | SHORT | | VT |
| 14028 | Min. value 11. Harmonic U L2 | 10 | SHORT | | VT |
| 14029 | Min. value 13. Harmonic U L2 | 10 | SHORT | | VT |
| 14030 | Min. value 15. Harmonic U L2 | 10 | SHORT | | VT |
| 14031 | Min. value 17. Harmonic U L2 | 10 | SHORT | | VT |
| 14032 | Min. value 19. Harmonic U L2 | 10 | SHORT | | VT |
| 14033 | Min. value 23. Harmonic U L2 | 10 | SHORT | | VT |
| 14034 | Min. value 25. Harmonic U L2 | 10 | SHORT | | VT |
| 14035 | Min. value 1. Harmonic U L3 | 10 | SHORT | | VT |
| 14036 | Min. value 3. Harmonic U L3 | 10 | SHORT | | VT |
| 14037 | Min. value 5. Harmonic U L3 | 10 | SHORT | | VT |
| 14038 | Min. value 7. Harmonic U L3 | 10 | SHORT | | VT |
| 14039 | Min. value 9. Harmonic U L3 | 10 | SHORT | | VT |
| 14040 | Min. value 11. Harmonic U L3 | 10 | SHORT | | VT |
| 14041 | Min. value 13. Harmonic U L3 | 10 | SHORT | | VT |
| 14042 | Min. value 15. Harmonic U L3 | 10 | SHORT | | VT |
| 14043 | Min. value 17. Harmonic U L3 | 10 | SHORT | | VT |
| 14044 | Min. value 19. Harmonic U L3 | 10 | SHORT | | VT |
| 14045 | Min. value 21. Harmonic U L3 | 10 | SHORT | | VT |
| 14046 | Min. value 23. Harmonic U L3 | 10 | SHORT | | VT |
| 14047 | Min. value 23. Harmonic U L3 | 10 | SHORT | | VT |
| 14048 | Min. value 25. Harmonic U L3 | 10 | SHORT | | VT |
| 14049 | Min. value THD U L1 | 100 | SHORT | | |
| 14050 | Min. value THD U L2 | 100 | SHORT | | |
| 14051 | Min. value THD U L3 | 100 | SHORT | | |
| 14052 | Min. value Frequency | 100 | SHORT | | |
| 14053 | Min. value Zero sequence U | 10 | SHORT | | VT |
| 14054 | Min. value Postive sequence U | 10 | SHORT | | VT |
| 14055 | Min. value Negative sequence U | 10 | SHORT | | VT |
| 15000 | Real energy consumption L1 | 1 | LONG | | |
| 15002 | Real energy consumption L2 | 1 | LONG | | |
| 15004 | Real energy consumption L3 | 1 | LONG | | |
| 15006 | Real energy consumption Sum | 1 | LONG | | |
| 15008 | Real energy consumption HT L1 | 1 | LONG | | |
| 15010 | Real energy consumption HT L2 | 1 | LONG | | |
| 15012 | Real energy consumption HT L3 | 1 | LONG | | |
| 15014 | Real energy consumption HT Sum | 1 | LONG | | |
| 15016 | Real energy consumption NT L1 | 1 | LONG | | |
| 15018 | Real energy consumption NT L1 | 1 | LONG | | |
| 15020 | Real energy consumption NT L1 | 1 | LONG | | |
| 15022 | Real energy consumption NT L1 | 1 | LONG | | |

| Address | Designation | Scaling Factor | Type | Unit | Remark |
|---------|---|----------------|------|------|--------|
| 15024 | Apparent energy L1 | 1 | LONG | | |
| 15026 | Apparent energy L2 | 1 | LONG | | |
| 15028 | Apparent energy L3 | 1 | LONG | | |
| 15030 | Apparent energy Sum | 1 | LONG | | |
| 15032 | Apparent energy HT L1 | 1 | LONG | | |
| 15034 | Apparent energy HT L2 | 1 | LONG | | |
| 15036 | Apparent energy HT L3 | 1 | LONG | | |
| 15038 | Apparent energy HT Sum | 1 | LONG | | |
| 15040 | Apparent energy NT L1 | 1 | LONG | | |
| 15042 | Apparent energy NT L2 | 1 | LONG | | |
| 15044 | Apparent energy NT L3 | 1 | LONG | | |
| 15046 | Apparent energy NT Sum | 1 | LONG | | |
| 15048 | Reactive energy induktiv L1 | 1 | LONG | | |
| 15050 | Reactive energy induktiv L2 | 1 | LONG | | |
| 15052 | Reactive energy induktiv L3 | 1 | LONG | | |
| 15054 | Reactive energy induktiv Sum | 1 | LONG | | |
| 15056 | Reactive energy induktiv HT L1 | 1 | LONG | | |
| 15058 | Reactive energy induktiv HT L2 | 1 | LONG | | |
| 15060 | Reactive energy induktiv HT L3 | 1 | LONG | | |
| 15062 | Reactive energy induktiv HT Sum | 1 | LONG | | |
| 15064 | Reactive energy induktiv NT L1 | 1 | LONG | | |
| 15066 | Reactive energy induktiv NT L2 | 1 | LONG | | |
| 15068 | Reactive energy induktiv NT L3 | 1 | LONG | | |
| 15070 | Reactive energy induktiv NT Sum | 1 | LONG | | |
| 15072 | Real energy geliefert L1 | 1 | LONG | | |
| 15074 | Real energy geliefert L2 | 1 | LONG | | |
| 15076 | Real energy geliefert L3 | 1 | LONG | | |
| 15078 | Real energy geliefert Sum | 1 | LONG | | |
| 15080 | Reactive energy capacitive L1 | 1 | LONG | | |
| 15082 | Reactive energy capacitive L2 | 1 | LONG | | |
| 15084 | Reactive energy capacitive L3 | 1 | LONG | | |
| 15086 | Reactive energy capacitive Sum | 1 | LONG | | |
| 15088 | Real energy Sum, without return travel block 1 | | LONG | | |
| 15090 | Reactive energy Sum, without ret. trav. block 1 | | LONG | | |