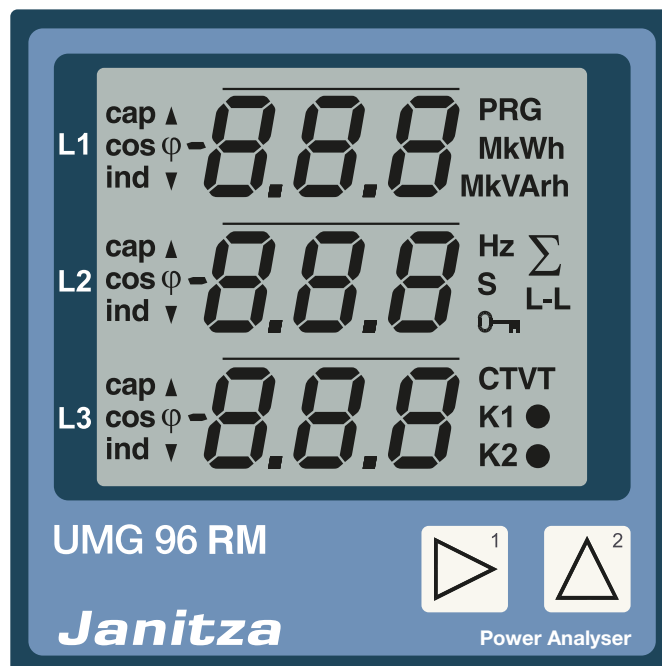


Power Analyser

UMG 96RM-E

Modbus-address list
and Formulary



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Modbus

Modbus Functions

As a slave, the UMG 96RM-E supports the following modbus functions:

03 Read Holding Registers

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

04 Read Input Registers

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

06 Preset Single Register

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

16 (10Hex) Preset Multiple Registers

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

23 (17Hex) Read/Write 4X Registers

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

Transfer parameters

The UMG 96RM-E supports the following transfer parameters:

| | |
|---------------------|--|
| Baud rate | : 9600, 19200, 38400, 57600 and 11500 Baud |
| Data bits | : 8 |
| Parity | : none |
| Stop bits (UMG96RM) | : 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} | $2^{15} - 1$ |
| ushort | 16 bit | 0 | $2^{16} - 1$ |
| 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) |
| ipk | Sample value k of the current of the phase conductor p |
| upNk | 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 200ms.
- A measuring window is 10 periods in the 50Hz network and 12 periods in the 60Hz network.
- A measuring window has a start time and an end time.
- The resolution between the start time and end time is approximately 2ns.
- The accuracy of the start time and end time depends on the accuracy of the internal clock.
(Typically +/- 1 minute/month)
- In order to improve the accuracy of the internal clock, it is recommended that the clock in the device is compared with a time service and reset.



The addresses in the range from 0-999 listed in this document can be adjusted directly on the device. The address range over 1,000 can only be edited via Modbus!

Mean value of measured value

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

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

Max. value of measured value

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

Min. value of measured value

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

Max. value of mean value

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

Nominal current, voltage, frequency

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

Nominal current I_{rated}

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

Peak value negative

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

Peak value positive

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

Crest factor

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

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)

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

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

$$S_A = S_1 + S_2 + S_3$$

Peak demand P_{\max}

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

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

Order number of harmonics

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

THD

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

Distortion factor for the voltage

- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)
- fund corresponds to n=1

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

Distortion factor for the current

- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)
- 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 UMG511 UMG605.

Interharmonics

- Sinusoidal oscillations, which frequencies are not a multiple integer of the mains frequency.
- Is calculated in the product series and UMG511 UMG605.
- Calculation and measurement methods in accordance with the DIN EN 61000-4-30.
- The order number of interharmonics corresponds to the order number of the next smallest 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 = Maximum demand load current
- M = 40 (UMG604, UMG508, UMG96RM)
- M = 50 (UMG605, UMG511)

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

Ripple control signal U (EN61000-4-30)

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

Ripple control signal I

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

Positive sequence-negative sequence-zero sequence

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

Positive sequence

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

Negative sequence

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

Zero sequence

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

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

Voltage imbalance

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

Under difference U (EN61000-4-30)

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

Under difference I

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

K-factor

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

Power Factor (vectorial) - Lambda

- The power factor is unsigned.

$$PF_A = \frac{|P|}{S_A}$$

CosPhi - Fundamental Power Factor

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

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

CosPhi total

- CosPhi sign:
 - = for the supply of real power
 - + = for obtaining real power

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

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

Phase Angle Phi

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

Mains frequency power factor

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

Power factor sign

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

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

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

Reactive power for phase conductor p

- Reactive power of the mains frequency.

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

Total reactive power

- Reactive power of the mains frequency.

$$Q_V = Q_1 + Q_2 + Q_3$$

Distortion power factor

- The distortion power factor is the power factor of all mains frequencies and is calculated using the fourier analysis (FFT).
- The apparent power „S” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- The effective power „P” contains all fundamental harmonics and all harmonic rates up to the M-th harmonic.
- $M = 50$ (UMG605, UMG605-PRO, UMG511, UMG512-PRO)

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

Reactive energy per phase

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

Reactive energy per phase, inductive

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

Reactive energy per phase, capacitive

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

Reactive energy, sum L1-L3

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

Reactive energy, sum L1-L3, inductive

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

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

Reactive energy, sum L1-L3, capacitive

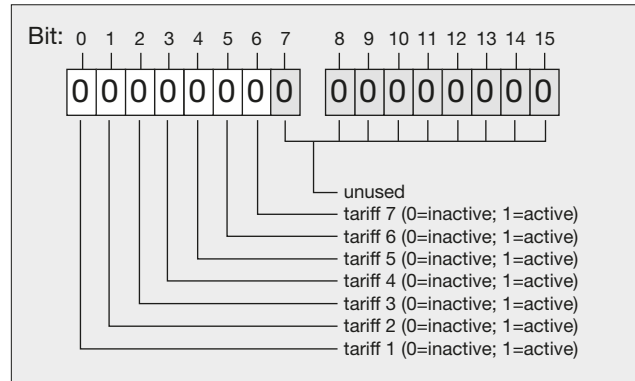
$$E_{r(cap)_{L1,L2,L3}} = \int (Q_{L1}(t) + Q_{L2}(t) + Q_{L3}(t)) \cdot \Delta t$$

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

Tariff Conversion

The tariff conversion of the consumption meters is via the addresses 618 and 624.

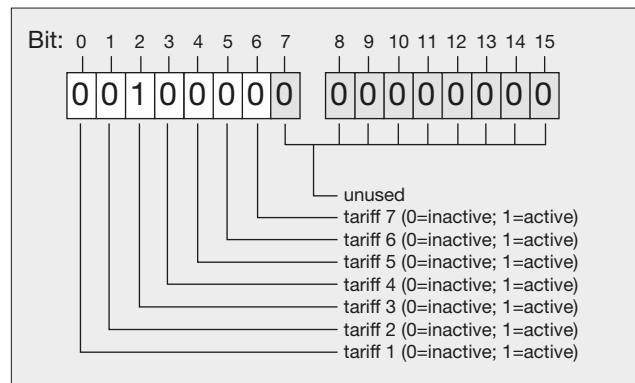
- Select one of the tariffs 1 to 7 by setting or deleting bits 0 to 6.
- Bits 7 to 15 must never be set and must always be 0.
- Tariff 0 is always active and can never be switched off.
- Only the bit set with the lowest value is evaluated.



Example:

Activate tariff 3 for „Effective energy“ and „Effective energy drawn“.

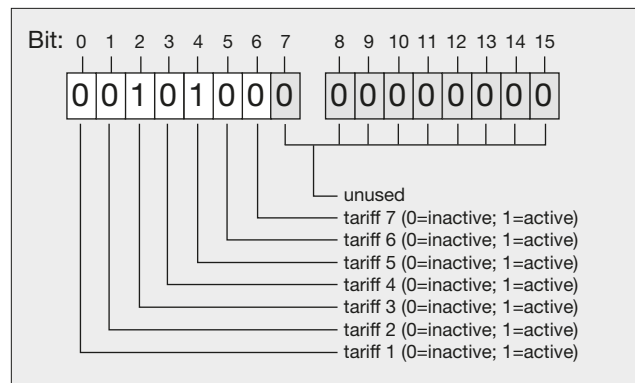
- Set bit 2 to address 618.
The meters for „Effective energy“ are active.
- Set bit 2 to address 619.
The meters for „Effective energy drawn“ are active.



Example:

Setting tariff 3 and tariff 5 to one address at the same time.

- Set bit 2 and bit 4 to address 618.
Because only the bit set with the lowest value is evaluated, only tariff 3 is active; bit 4 for tariff 5 is ignored.
- The meters for „Effective energy“ (tariff 3) are active.



Parameter

These values can be set via the device buttons

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|---|--|-----------------|
| 0 | SHORT | RD/WR | - | Device address | 0..255 ⁽¹⁾ | 1 |
| 1 | SHORT | RD/WR | kbps | Baudrate | 0=9.6kbps 1=19.2kbps 2=38.4kbps 3=57.6kbps 4=115.2kbps | 4 |
| 2 | SHORT | RD/WR | - | Modbus Master (Slave=0, Master=1) | 0,1 | 0 |
| 3 | SHORT | RD/WR | - | Stop bits 0=1 bit, no parity 1=2 bits, no parity 2=1 bit, even parity 3=1 bit, odd parity | 0 .. 3 | 0 |
| 10 | FLOAT | RD/WR | A | Current transformer I1, primary | 0..1000000 ⁽²⁾ | 5 |
| 12 | FLOAT | RD/WR | A | Current transformer I1, sec. | 1..5 | 5 |
| 14 | FLOAT | RD/WR | V | Voltage transformer V1, primary | 0..1000000 ⁽²⁾ | 400 |
| 16 | FLOAT | RD/WR | V | Voltage transformer V1, sec. | 100, 400 | 400 |
| 18 | FLOAT | RD/WR | A | Current transformer I2, primary | 0..1000000 ⁽²⁾ | 5 |
| 20 | FLOAT | RD/WR | A | Current transformer I2, sec. | 1..5 | 5 |
| 22 | FLOAT | RD/WR | V | Voltage transformer V2, primary | 1..1000000 | 400 |
| 24 | FLOAT | RD/WR | V | Voltage transformer V2, sec. | 100, 400 | 400 |
| 26 | FLOAT | RD/WR | A | Current transformer I3, primary | 1..1000000 | 5 |
| 28 | FLOAT | RD/WR | A | Current transformer I3, sec. | 1..5 | 5 |
| 30 | FLOAT | RD/WR | V | Voltage transformer V3, primary | 1..1000000 | 400 |
| 32 | FLOAT | RD/WR | V | Voltage transformer V3, sec. | 100, 400 | 400 |
| 34 | SHORT | RD/WR | Hz | Frequency determination 0=Auto, 45..65=Hz | 0, 45..65 | 0 |
| 35 | SHORT | RD/WR | - | Display contrast 0 (low), 9 (high) | 0 .. 9 | 5 |
| 36 | SHORT | RD/WR | - | Background lighting 0 (dark), 9 (bright) | 0 .. 9 | 6 |
| 37 | SHORT | RD/WR | - | Indication profile 0 .. 2 = Fix indication profiles 3 = Free selectable indication profile | 0 .. 3 | 0 |
| 38 | SHORT | RD/WR | - | Indication rotation profile 0 .. 2 = Fix indication rotation profiles 3 = Free selectable indication rotation profile | 0 .. 3 | 0 |
| 39 | SHORT | RD/WR | Sec. | Rotation time | 0 .. 60 | 0 |
| 40 | SHORT | RD/WR | - | Averaging time, I | 0 .. 8* | 6 |
| 41 | SHORT | RD/WR | - | Averaging time, P | 0 .. 8* | 6 |
| 42 | SHORT | RD/WR | - | Averaging time, U | 0 .. 8* | 6 |
| 43 | FLOAT | RD/WR | A | Nominal current TDD | 0 .. 1000000 | 150 |
| 45 | INT | RD/WR | mA | Threshold, current measurement L1..L3 | 0 .. 200 | 5 |
| 50 | SHORT | RD/WR | - | Password | 0 .. 999 | 0 (no password) |
| 100 | SHORT | RD/WR | - | Address of measurement value, digital output 1 | 0 .. 32000 | 874 |
| 101 | SHORT | RD/WR | - | Address of measurement value, digital output 2 | 0 .. 32000 | 882 |
| 102 | FLOAT | RD/WR | - | Pulse valence, out 1 | -1000000 .. + 1000000 | 1000 |
| 104 | FLOAT | RD/WR | - | Pulse valence, out 2 | -1000000 .. + 1000000 | 1000 |
| 106 | SHORT | RD/WR | - | Min. pulse duration, digital output 1/2 | 1..1000 | 5 |
| 145 | SHORT | RD/WR | - | „Display blinking“ Bit 1 = 1/0: active/inactive for comparator group output 1 Bit 2 = 1/0: active/inactive for comparator group output 2 Bit 3 = 1/0: active/inactive for comparator group output 3 Bit 4 = 1/0: active/inactive for comparator group output 4 Bit 5 = 1/0: active/inactive for comparator group output 5 | 0-31 | 0 |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|-------------------|---------|
| 206 | SHORT | RD/WR | Sek. | Periodendauer „Schleppzeiger“ | 300 .. 3600 | 900 |
| 207 | SHORT | RD/WR | Sek. | Fangzeit „Schleppzeiger“ | 1 .. 20 | 10 |
| 208 | SHORT | RD/WR | - | Konfiguration Digitaleingang 1 0= interne Synchronisation 1= externe Synchronisation (Schließer) 2= externe Synchronisation (Öffner) | 0 .. 2 | 0 |
| 300 | String | RD/WR | - | Indication profile | GridVis | 0 |
| 400 | String | RD/WR | - | Indication rotation profile | GridVis | 0 |
| 500 | SHORT | RD/WR | - | Connection configuration, I L1 | -3 .. 3 | 1 |
| 501 | SHORT | RD/WR | - | Connection configuration, I L2 | -3 .. 3 | 2 |
| 502 | SHORT | RD/WR | - | Connection configuration, I L3 -1 = Measurement in phase L1, Connection (s1-s2) changed -2 = Measurement in phase L2, Connection (s1-s2) changed -3 = Measurement in phase L3, Connection (s1-s2) changed 0 = Channel switched off 1 = Measurement in phase L1 2 = Measurement in phase L2 3 = Measurement in phase L3 | -3 .. 3 | 3 |
| 503 | SHORT | RD/WR | - | Connection configuration, U L1 | 0 .. 3 | 1 |
| 504 | SHORT | RD/WR | - | Connection configuration, U L2 | 0 .. 3 | 2 |
| 505 | SHORT | RD/WR | - | Connection configuration, U L3 0 = Channel switched off 1 = Measurement in phase L1 2 = Measurement in phase L2 3 = Measurement in phase L3 | 0 .. 3 | 3 |
| 506 | SHORT | RD/WR | - | Delete min. and maximum values | 0..1 | 0 |
| 507 | SHORT | RD/WR | - | Delete energy values | 0..1 | 0 |
| 508 | SHORT | RD/WR | - | Write in EEPROM | 0..1 | 0 |
| 509 | SHORT | RD/WR | - | Connection diagram voltage | 0.8 ¹⁾ | 0 |
| 510 | SHORT | RD/WR | - | Connection diagram current | 0..8 | 0 |
| 511 | SHORT | RD/WR | - | Relevant voltage, for THD and FFT display of THD and FFT 0=THD L-N, FFT L-N 1=THD L-L, FFT L-L | 0..1 | 0 |
| 512 | SHORT | RD/WR | - | For internal use only | | |
| 513 | SHORT | RD/WR | - | For internal use only | | |
| 514 | SHORT | RD/WR | - | For internal use only | | |
| 515 | SHORT | RD/WR | - | For internal use only | | |
| 516 | SHORT | RD/WR | - | For internal use only | | |
| 517 | SHORT | RD/WR | - | For internal use only | | |
| 600 | UINT | RD | - | Overrange | 0, 0xFFFFFFFF | |
| 618 | SHORT | RD/WR | - | Rate, real energy* | 0..127 | 0 |
| 619 | SHORT | RD/WR | - | Rate, real energy consumed* | 0..127 | 0 |
| 620 | SHORT | RD/WR | - | Rate, real energy delivered* | 0..127 | 0 |
| 621 | SHORT | RD/WR | - | Rate, reactive energy* | 0..127 | 0 |
| 622 | SHORT | RD/WR | - | Rate, reactive energy inductive* | 0..127 | 0 |
| 623 | SHORT | RD/WR | - | Rate, reactive energy capacitive* | 0..127 | 0 |
| 624 | SHORT | RD/WR | - | Rate, apparent energy* | 0..127 | 0 |
| 750 | SHORT | RD | - | Software release | | |
| 754 | SERNR | RD | - | Serial number | | |
| 756 | SERNR | RD | - | Production number | | |
| 761 | USHORT | RD | - | Module number (0=no module, 1=Profibus, 2=CBM, 3=Ethernet) | | |

* Tariff settings (Tarif 1-7) are set bitwise (bit 0-6); tariff 0 is always active.

¹⁾ The setting 8 is equal setting 0.

Parameter II

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|--------|------|---|---------------------------|---------|
| 3512 | FLOAT | RD | s | System uptime | | |
| 10080 | SHORT | RD | | Status digital output 1 0=not active, 1=active | 0,1 | |
| 10081 | SHORT | RD | | Status digital output 2 0=not active, 1=active | 0,1 | |
| 10082 | SHORT | RD | | Status digital output 3 0=not active, 1=active | 0,1 | |
| 10083 | SHORT | RD | | Status digital output 4 0=not active, 1=active | 0,1 | |
| 10084 | SHORT | RD | | Status digital output 5 0=not active, 1=active | 0,1 | |
| 10109 | SHORT | RD | | Status digital input 0=not active, 1=aktive | 0,1 | |
| 10110 | SHORT | RD | | Status digital input 0=not active, 1=aktive | 0,1 | |
| 10111 | SHORT | RD | | Status digital input 0=not active, 1=aktive | 0,1 | |
| 10112 | INT | RD | | Overcurrent flag i4 | | |
| 10114 | SHORT | RD | | Digital inputs, bit coded | | |
| 11619 | FLOAT | RD | Ohm | Resistance temp input 1 | | |
| 11621 | FLOAT | RD | Ohm | Resistance temp input 2 | | |
| 20002 | INT | RD | s | Systemtime in sec (ro) | | |
| 20004 | INT | RD/WR | s | Systemtime in sec | | |
| 20008 | FLOAT | RD/WR | A | Current transformer I4, primary | 0..1000000 ^(*) | 5 |
| 20010 | FLOAT | RD/WR | A | Current transformer I4, secondary | 1..5 | 5 |
| 20012 | FLOAT | RD/WR | A | Current transformer I5, primary | 0..1000000 ^(*) | 5 |
| 20014 | FLOAT | RD/WR | A | Current transformer I5, secondary | 1..5 | 5 |
| 20016 | FLOAT | RD/WR | A | Current transformer I6, primary | 0..1000000 ^(*) | 5 |
| 20018 | FLOAT | RD/WR | A | Current transformer I6, secondary | 1..5 | 5 |
| 20020 | DATA | | 212 | Record 1 configuration | | |
| 20126 | DATA | | 212 | Record 2 configuration | | |
| 20232 | DATA | | 212 | Record 3 configuration | | |
| 20338 | DATA | | 212 | Record 4 configuration | | |
| 20444 | FLOAT | RD/WR | | Multiplication factor for s0 input 1 frequency | | |
| 20446 | FLOAT | RD/WR | | Multiplication factor for s0 input 2 frequency | | |
| 20448 | FLOAT | RD/WR] | | Multiplication factor for s0 input 3 frequency | | |
| 20450 | STRING | RD/WR | 32 | Name of S0 input type IN1 | | |
| 20466 | STRING | RD/WR | 32 | Name of S0 input type IN2 | | |
| 20482 | STRING | RD/WR | 32 | Name of S0 input type IN3 | | |
| 20498 | STRING | RD/WR | 32 | Name of S0 input type IN1 | | |
| 20514 | STRING | RD/WR | 32 | Name of S0 input type IN2 | | |
| 20530 | STRING | RD/WR | 32 | Name of S0 input type IN3 | | |
| 20546 | STRING | RD/WR | 100 | Name of S0 input type IN1 | | |
| 20596 | STRING | RD/WR | 100 | Name of S0 input type IN2 | | |
| 20646 | STRING | RD/WR | 100 | Name of S0 input type IN3 | | |
| 20696 | SHORT | RD | | Pulse out reference address | 0 .. 32000 | 874 |
| 20697 | SHORT | RD | | Pulse out reference address | 0 .. 32000 | 882 |
| 20698 | SHORT | RD | | Pulse out reference address | 0 .. 32000 | |
| 20699 | SHORT | RD | | Pulse out reference address | 0 .. 32000 | |
| 20700 | SHORT | RD | | Pulse out reference address | 0 .. 32000 | |
| 20701 | FLOAT | RD | | Pulse generation factor (freq=val/fac) | -1000000 .. + 1000000 | 1000 |
| 20703 | FLOAT | RD | | Pulse generation factor (freq=val/fac) | -1000000 .. + 1000000 | 1000 |
| 20705 | FLOAT | RD | | Pulse generation factor (freq=val/fac) | -1000000 .. + 1000000 | |
| 20707 | FLOAT | RD | | Pulse generation factor (freq=val/fac) | -1000000 .. + 1000000 | |
| 20709 | FLOAT | RD | | Pulse generation factor (freq=val/fac) | -1000000 .. + 1000000 | |
| 21147 | BYTE | RD/WR | | Configuration tariff, active energy source [0] | | |
| 21148 | BYTE | RD/WR | | Configuration tariff, active energy source [1] | | |
| 21149 | BYTE | RD/WR | | Configuration tariff, active energy, source [2] | | |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|-----------------|---------|
| 21150 | BYTE | RD/WR | | Configuration tariff, active energy, source [3] | | |
| 21151 | BYTE | RD/WR | | Configuration tariff, active energy, source [4] | | |
| 21152 | BYTE | RD/WR | | Configuration tariff, active energy, source [5] | | |
| 21153 | BYTE | RD/WR | | Configuration tariff, active energy, source [6] | | |
| 21154 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [0] | | |
| 21155 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [1] | | |
| 21156 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [2] | | |
| 21157 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [3] | | |
| 21158 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [4] | | |
| 21159 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [5] | | |
| 21160 | BYTE | RD/WR | | Configuration tariff, active energy, obtained, source [6] | | |
| 21161 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [0] | | |
| 21162 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [1] | | |
| 21163 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [2] | | |
| 21164 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [3] | | |
| 21165 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [4] | | |
| 21166 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [5] | | |
| 21167 | BYTE | RD/WR | | Configuration tariff, active energy, supplied, source [6] | | |
| 21168 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [0] | | |
| 21169 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [1] | | |
| 21170 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [2] | | |
| 21171 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [3] | | |
| 21172 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [4] | | |
| 21173 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [5] | | |
| 21174 | BYTE | RD/WR | | Configuration tariff, reactive energy, source [6] | | |
| 21175 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [0] | | |
| 21176 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [1] | | |
| 21177 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [2] | | |
| 21178 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [3] | | |
| 21179 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [4] | | |
| 21180 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [5] | | |
| 21181 | BYTE | RD/WR | | Configuration tariff, reactive energy, inductive, source [6] | | |
| 21182 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [0] | | |
| 21183 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [1] | | |
| 21184 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [2] | | |
| 21185 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [3] | | |
| 21186 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [4] | | |
| 21187 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [5] | | |
| 21188 | BYTE | RD/WR | | Configuration tariff, reactive energy, capacitive, source [6] | | |
| 21189 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [0] | | |
| 21190 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [1] | | |
| 21191 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [2] | | |
| 21192 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [3] | | |
| 21193 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [4] | | |
| 21194 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [5] | | |
| 21195 | BYTE | RD/WR | | Configuration tariff, apparent energy, source [6] | | |
| 21132 | SHORT | RD/WR | | Dig out type, Source selection for digital output 1 0 = Comparator 3 1 = Pulse output (S0) 2 = External source - Modbus 4 = External source - Ethernet | 0 .. 4 | 1 |
| 21133 | SHORT | RD/WR | | Dig out type, Source selection for digital output 2 0 = Comparator 3 1 = Pulse output (S0) 2 = External source - Modbus 4 = External source - Ethernet | 0 .. 4 | 1 |
| 21134 | SHORT | RD/WR | | Dig out type, Source selection for digital output 3 0 = Comparator 3 1 = Pulse output (S0) 2 = External source - Modbus 4 = External source - Ethernet | 0 .. 4 | 0 |
| 21135 | SHORT | RD/WR | | Dig out type, Source selection for digital output 4 0 = Comparator 3 | 0 .. 4 | 0 |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|---|-----------------|---------|
| | | | | 1 = Pulse output (S0) 2 = External source - Modbus 4 = External source - Ethernet | | |
| 21136 | SHORT | RD/WR | | Dig out type, Source selection for digital output 5 0 = Comparator 3 | 0 .. 4 | 0 |
| | | | | 1 = Pulse output (S0) 2 = External source - Modbus 4 = External source - Ethernet | | |
| 21137 | SHORT | RD/WR | | Dig. Output 1 inverted | 0,1 | 0 |
| 21138 | SHORT | RD/WR | | Dig. Output 2 inverted | 0,1 | 0 |
| 21139 | SHORT | RD/WR | | Dig. Output 3 inverted | 0,1 | 0 |
| 21140 | SHORT | RD/WR | | Dig. Output 4 inverted | 0,1 | 0 |
| 21141 | SHORT | RD/WR | | Dig. Output 5 inverted | 0,1 | 0 |
| 21142 | SHORT | RD/WR | | Output 1, Modbus remote, address | 0,1 | 0 |
| 21143 | SHORT | RD/WR | | Output 2, Modbus remote, address | 0,1 | 0 |
| 21144 | SHORT | RD/WR | | Output 3, Modbus remote, address | 0,1 | 0 |
| 21145 | SHORT | RD/WR | | Output 4, Modbus remote, address | 0,1 | 0 |
| 21146 | SHORT | RD/WR | | Output 5, Modbus remote, address | 0,1 | 0 |
| 21206 | SHORT | RD | | Day (1...31) | | |
| 21207 | SHORT | RD | | Month (1=Jan,...12=Dec.) | | |
| 21208 | SHORT | RD | | Year (0...99) | | |
| 21209 | SHORT | RD | h | Hour (0...24) | | |
| 21210 | SHORT | RD | min | Minute (0...59) | | |
| 21211 | SHORT | RD | s | Second (0...59) | | |
| 21212 | SHORT | RD | | Weekday (0=Su,...6=Sa) | | |
| 21264 | SHORT | RD/WR | | RCM: CT connection monitoring (I5, AC only) 0=disable, 1=enable | 0,1 | 0 |
| 21265 | SHORT | RD/WR | | RCM: CT connection monitoring (I6, AC only) 0=disable, 1=enable | 0,1 | 0 |

Address list

Frequently required readings

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 19000 | FLOAT | RD | V | Voltage L1-N | [0] |
| 19002 | FLOAT | RD | V | Voltage L2-N | [1] |
| 19004 | FLOAT | RD | V | Voltage L3-N | [2] |
| 19006 | FLOAT | RD | V | Voltage L1-L2 | [0] |
| 19008 | FLOAT | RD | V | Voltage L2-L3 | [1] |
| 19010 | FLOAT | RD | V | Voltage L1-L3 | [2] |
| 19012 | FLOAT | RD | A | Current I L1 | [0] |
| 19014 | FLOAT | RD | A | Current I L2 | [1] |
| 19016 | FLOAT | RD | A | Current I L3 | [2] |
| 19018 | FLOAT | RD | A | Vector sum; $IN=I1+I2+I3$ | [3] |
| 19020 | FLOAT | RD | W | Real power P1 L1N | [0] |
| 19022 | FLOAT | RD | W | Real power P2 L2N | [1] |
| 19024 | FLOAT | RD | W | Real power P3 L3N | [2] |
| 19026 | FLOAT | RD | W | Sum; $Psum3=P1+P2+P3$ | [3] |
| 19028 | FLOAT | RD | VA | Apparent power S1 L1N | [0] |
| 19030 | FLOAT | RD | VA | Apparent power S2 L2N | [1] |
| 19032 | FLOAT | RD | VA | Apparent power S3 L3N | [2] |
| 19034 | FLOAT | RD | VA | Sum; $Ssum3=S1+S2+S3$ | [3] |
| 19036 | FLOAT | RD | var | Fund. reactive power Q1 L1N | [0] |
| 19038 | FLOAT | RD | var | Fund. reactive power Q2 L2N | [1] |
| 19040 | FLOAT | RD | var | Fund. reactive power Q3 L3N | [2] |
| 19042 | FLOAT | RD | var | Sum; $Qsum3=Q1+Q2+Q3$ | [3] |
| 19044 | FLOAT | RD | - | CosPhi; UL1 IL1 (fundamental comp.) | [0] |
| 19046 | FLOAT | RD | - | CosPhi; UL2 IL2 (fundamental comp.) | [1] |
| 19048 | FLOAT | RD | - | CosPhi; UL3 IL3 (fundamental comp.) | [2] |
| 19050 | FLOAT | RD | Hz | Measured frequency | |
| 19052 | FLOAT | RD | - | Rotation field; 1=right, 0=none, -1=left | |
| 19054 | FLOAT | RD | Wh | Real energy L1 | [0] |
| 19056 | FLOAT | RD | Wh | Real energy L2 | [0] |
| 19058 | FLOAT | RD | Wh | Real energy L3 | [0] |
| 19060 | FLOAT | RD | Wh | Real energy L1..L3 | [0] |
| 19062 | FLOAT | RD | Wh | Real energy L1, consumed | [0] |
| 19064 | FLOAT | RD | Wh | Real energy L2, consumed | [0] |
| 19066 | FLOAT | RD | Wh | Real energy L3, consumed | [0] |
| 19068 | FLOAT | RD | Wh | Real energy L1..L3, consumed | [0] |
| 19070 | FLOAT | RD | Wh | Real energy L1, delivered | [0] |
| 19072 | FLOAT | RD | Wh | Real energy L2, delivered | [0] |
| 19074 | FLOAT | RD | Wh | Real energy L3, delivered | [0] |
| 19076 | FLOAT | RD | Wh | Real energy L1..L3, delivered | [0] |
| 19078 | FLOAT | RD | VAh | Apparent energy L1 | [0] |
| 19080 | FLOAT | RD | VAh | Apparent energy L2 | [0] |
| 19082 | FLOAT | RD | VAh | Apparent energy L3 | [0] |
| 19084 | FLOAT | RD | VAh | Apparent energy L1..L3 | [0] |
| 19086 | FLOAT | RD | varh | Reactive energy L1 | [0] |
| 19088 | FLOAT | RD | varh | Reactive energy L2 | [0] |
| 19090 | FLOAT | RD | varh | Reactive energy L3 | [0] |
| 19092 | FLOAT | RD | varh | Reactive energy L1..L3 | [0] |
| 19094 | FLOAT | RD | varh | Reactive energy ind. L1 | [0] |
| 19096 | FLOAT | RD | varh | Reactive energy ind. L2 | [0] |
| 19098 | FLOAT | RD | varh | Reactive energy ind. L3 | [0] |
| 19100 | FLOAT | RD | varh | Reactive energy ind. L1..L3 | [0] |
| 19102 | FLOAT | RD | varh | Reactive energy cap. L1 | [0] |
| 19104 | FLOAT | RD | varh | Reactive energy cap. L2 | [0] |
| 19106 | FLOAT | RD | varh | Reactive energy cap. L3 | [0] |
| 19108 | FLOAT | RD | varh | Reactive energy cap. L1..L3 | [0] |
| 19110 | FLOAT | RD | % | Harmonic, THD U L1-N | [0] |
| 19112 | FLOAT | RD | % | Harmonic, THD U L2-N | [1] |
| 19114 | FLOAT | RD | % | Harmonic, THD U L3-N | [2] |
| 19116 | FLOAT | RD | % | Harmonic, THD I L1 | [0] |
| 19118 | FLOAT | RD | % | Harmonic, THD I L2 | [1] |
| 19120 | FLOAT | RD | % | Harmonic, THD I L3 | [2] |

Measured values, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 800 | FLOAT | RD | Hz | Measured frequency | |
| 802 | FLOAT | RD | - | Voltage, zero sequence | |
| 804 | FLOAT | RD | - | Voltage, negative sequence | |
| 806 | FLOAT | RD | - | Voltage, positive sequence | |
| 808 | FLOAT | RD | V | Voltage U1 L1-N | [0] |
| 810 | FLOAT | RD | V | Voltage U2 L2-N | [1] |
| 812 | FLOAT | RD | V | Voltage U3 L3-N | [2] |
| 814 | FLOAT | RD | V | Voltage U1 L1-L2 | [0] |
| 816 | FLOAT | RD | V | Voltage U2 L2-L3 | [1] |
| 818 | FLOAT | RD | V | Voltage U3 L3-L1 | [2] |
| 820 | FLOAT | RD | - | Fund. power factor, CosPhi; ULN, IL1 | [0] |
| 822 | FLOAT | RD | - | Fund. power factor, CosPhi; ULN, IL2 | [1] |
| 824 | FLOAT | RD | - | Fund. power factor, CosPhi; ULN, IL3 | [2] |
| 826 | FLOAT | RD | - | Sum; CosPhisum3=P0sum3/Ssum3 | [3] |
| 828 | FLOAT | RD | - | Power factor; UL1N, IL1 | [0] |
| 830 | FLOAT | RD | - | Power factor; UL2N, IL2 | [1] |
| 832 | FLOAT | RD | - | Power factor; UL3N, IL3 | [2] |
| 834 | FLOAT | RD | - | Sum; Power factor sum3=Psum3/Ssum3 | [3] |
| 836 | FLOAT | RD | % | THD, U L1N, bezogen auf U0 L1 | [0] |
| 838 | FLOAT | RD | % | THD, U L2N, bezogen auf U0 L2 | [1] |
| 840 | FLOAT | RD | % | THD, U L3N, bezogen auf U0 L3 | [2] |
| 842 | FLOAT | RD | % | THD, U L1L2, bezogen auf U0 L1L2 | [0] |
| 844 | FLOAT | RD | % | THD, U L2L3, bezogen auf U0 L2L3 | [1] |
| 846 | FLOAT | RD | % | THD, U L3L1, bezogen auf U0 L3L1 | [2] |
| 848 | FLOAT | RD | V | Voltage, real part U1 L1N | [0] |
| 850 | FLOAT | RD | V | Voltage, real part U2 L2N | [1] |
| 852 | FLOAT | RD | V | Voltage, real part U3 L3N | [2] |
| 854 | FLOAT | RD | V | Voltage, imaginary part U L1N | [0] |
| 856 | FLOAT | RD | V | Voltage, imaginary part U L2N | [1] |
| 858 | FLOAT | RD | V | Voltage, imaginary part U L3N | [2] |
| 860 | FLOAT | RD | A | Current I1 L1 | [0] |
| 862 | FLOAT | RD | A | Current I2 L2 | [1] |
| 864 | FLOAT | RD | A | Current I3 L3 | [2] |
| 866 | FLOAT | RD | A | Vector sum; IN=I1+I2+I3 | [3] |
| 868 | FLOAT | RD | W | Real power P1 L1N | [0] |
| 870 | FLOAT | RD | W | Real power P2 L2N | [1] |
| 872 | FLOAT | RD | W | Real power P3 L3N | [2] |
| 874 | FLOAT | RD | W | Sum; Psum3=P1+P2+P3 | [3] |
| 876 | FLOAT | RD | var | Fund. reactive power Q1 L1N | [0] |
| 878 | FLOAT | RD | var | Fund. reactive power Q2 L2N | [1] |
| 880 | FLOAT | RD | var | Fund. reactive power Q3 L3N | [2] |
| 882 | FLOAT | RD | var | Sum; Qsum3=Q1+Q2+Q3 | [3] |
| 884 | FLOAT | RD | VA | Apparent power S1 L1N | [0] |
| 886 | FLOAT | RD | VA | Apparent power S2 L2N | [1] |
| 888 | FLOAT | RD | VA | Apparent power S3 L3N | [2] |
| 890 | FLOAT | RD | VA | Sum; Ssum3=S1+S2+S3 | [3] |
| 892 | FLOAT | RD | W | Fund. real power P01 L1N | [0] |
| 894 | FLOAT | RD | W | Fund. real power P02 L2N | [1] |
| 896 | FLOAT | RD | W | Fund. real power P03 L3N | [2] |
| 898 | FLOAT | RD | W | Sum; P0sum3=P01+P02+P03 | [3] |
| 900 | FLOAT | RD | var | Harmonic distortion power D1 L1N | [0] |
| 902 | FLOAT | RD | var | Harmonic distortion power D2 L2N | [1] |
| 904 | FLOAT | RD | var | Harmonic distortion power D3 L3N | [2] |
| 906 | FLOAT | RD | var | Sum; Dsum3=D1+D2+D3 | [3] |
| 908 | FLOAT | RD | % | THDI1 I1, bezogen auf I01 | [0] |
| 910 | FLOAT | RD | % | THDI2 I2, bezogen auf I02 | [1] |
| 912 | FLOAT | RD | % | THDI3 I3, bezogen auf I03 | [2] |
| 914 | FLOAT | RD | % | TDDI1 I1, bezogen auf den Nenn-Laststrom | [0] |
| 916 | FLOAT | RD | % | TDDI2 I2, bezogen auf den Nenn-Laststrom | [1] |
| 918 | FLOAT | RD | % | TDDI3 I3, bezogen auf den Nenn-Laststrom | [2] |
| 920 | FLOAT | RD | - | Current, zero sequence | |
| 922 | FLOAT | RD | - | Current, negative sequence | |
| 924 | FLOAT | RD | - | Current, positive sequence | |
| 926 | FLOAT | RD | A | Current, real part I L1 | [0] |
| 928 | FLOAT | RD | A | Current, real part I L2 | [1] |
| 930 | FLOAT | RD | A | Current, real part I L3 | [2] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 932 | FLOAT | RD | A | Current, imaginary part I L | [0] |
| 934 | FLOAT | RD | A | Current, imaginary part I L | [1] |
| 936 | FLOAT | RD | A | Current, imaginary part I L | [2] |
| 938 | FLOAT | RD | - | Rotation field; 1=right, 0=none, -1=left | |
| 10085 | FLOAT | RD | A | Current I L4 | |
| 10087 | FLOAT | RD | % | THD I L4 | |
| 10089 | FLOAT | RD | % | TDD I L4 | |
| 10091 | FLOAT | RD | W | Power s0, input 1 | [0] |
| 10093 | FLOAT | RD | W | Power s0, input 2 | [1] |
| 10095 | FLOAT | RD | W | Power s0, input 3 | [2] |
| 10865 | FLOAT | RD | °C | Temperature input 1 | |
| 10867 | FLOAT | RD | °C | Temperature input 2 | |
| 10869 | FLOAT | RD | % | Diff1 4-20mA | |
| 10871 | FLOAT | RD | % | Diff2 4-20mA | |
| 10873 | FLOAT | RD | A | Current Diff1 | |
| 10875 | FLOAT | RD | A | Current Diff2 | |
| 10877 | FLOAT | RD | % | THD I Diff1 | |
| 10879 | FLOAT | RD | % | THD I Diff2 | |
| 11463 | FLOAT | RD | A | Arithmetic Sum Current (I1+I2+I3) | |
| 11631 | FLOAT | RD | | Crest factor, U L1 | |
| 11633 | FLOAT | RD | | Crest factor, U L2 | |
| 11635 | FLOAT | RD | | Crest factor, U L3 | |
| 11637 | FLOAT | RD | | Crest factor, I L1 | |
| 11639 | FLOAT | RD | | Crest factor, I L2 | |
| 11641 | FLOAT | RD | | Crest factor, I L3 | |

Measured values, type short

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------------------|-------|------------|
| 3526 | SHORT | RD | Hz | measured frequency | | 0,01 |
| 3527 | SHORT | RD | V | Voltage, zero sequence | | 0,1 |
| 3528 | SHORT | RD | V | Voltage, negative sequence | | 0,1 |
| 3529 | SHORT | RD | V | Voltage, positive sequence | | 0,1 |
| 3530 | SHORT | RD | V | Voltage U1 L1-N | [0] | 0,1 |
| 3531 | SHORT | RD | V | Voltage U2 L2-N | [1] | 0,1 |
| 3532 | SHORT | RD | V | Voltage U3 L3-N | [2] | 0,1 |
| 3533 | SHORT | RD | V | Voltage U1 L1-L2 | [0] | 0,1 |
| 3534 | SHORT | RD | V | Voltage U2 L2-L3 | [1] | 0,1 |
| 3535 | SHORT | RD | V | Voltage U3 L3-L1 | [2] | 0,1 |
| 3776 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [0] | 0,01 |
| 3777 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [1] | 0,01 |
| 3778 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [2] | 0,01 |
| 3779 | SHORT | RD | - | Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,01 |
| 3780 | SHORT | RD | - | Power factor; ULN IL | [0] | 0,01 |
| 3781 | SHORT | RD | - | Power factor; ULN IL | [1] | 0,01 |
| 3782 | SHORT | RD | - | Power factor; ULN IL | [2] | 0,01 |
| 3783 | SHORT | RD | - | Sum; Power factor sum3=Psum3/Ssum3 | [3] | |
| 3784 | SHORT | RD | % | THD U LN | [0] | 0,1 |
| 3785 | SHORT | RD | % | THD U LN | [1] | 0,1 |
| 3786 | SHORT | RD | % | THD U LN | [2] | 0,1 |
| 3787 | SHORT | RD | % | THD U LL | [0] | 0,1 |
| 3788 | SHORT | RD | % | THD U LL | [1] | 0,1 |
| 3789 | SHORT | RD | % | THD U LL | [2] | 0,1 |
| 3790 | SHORT | RD | V | Voltage, real part U LN | [0] | 0,1 |
| 3791 | SHORT | RD | V | Voltage, real part U LN | [1] | 0,1 |
| 3792 | SHORT | RD | V | Voltage, real part U LN | [2] | 0,1 |
| 3793 | SHORT | RD | V | Voltage, imaginary part U LN | [0] | 0,1 |
| 3794 | SHORT | RD | V | Voltage, imaginary part U LN | [1] | 0,1 |
| 3795 | SHORT | RD | V | Voltage, imaginary part U LN | [2] | 0,1 |
| 3916 | SHORT | RD | mA | Current I L | [0] | 1 |
| 3917 | SHORT | RD | mA | Current I L | [1] | 1 |
| 3918 | SHORT | RD | mA | Current I L | [2] | 1 |
| 3919 | SHORT | RD | mA | Vector sum; IN=I1+I2+I3 | [3] | 1 |
| 3920 | SHORT | RD | W | Real power P LN | [0] | 0,1 |
| 3921 | SHORT | RD | W | Real power P LN | [1] | 0,1 |
| 3922 | SHORT | RD | W | Real power P LN | [2] | 0,1 |
| 3923 | SHORT | RD | W | Sum; Psum3=P1+P2+P3 | [3] | 0,1 |
| 3924 | SHORT | RD | var | Fund. reactive power Q LN | [0] | 0,1 |
| 3925 | SHORT | RD | var | Fund. reactive power Q LN | [1] | 0,1 |
| 3926 | SHORT | RD | var | Fund. reactive power Q LN | [2] | 0,1 |
| 3927 | SHORT | RD | var | Sum; Qsum3=Q1+Q2+Q3 | [3] | 0,1 |
| 3928 | SHORT | RD | VA | Apparent power S LN | [0] | 0,1 |
| 3929 | SHORT | RD | VA | Apparent power S LN | [1] | 0,1 |
| 3930 | SHORT | RD | VA | Apparent power S LN | [2] | 0,1 |
| 3931 | SHORT | RD | VA | Sum; Ssum3=S1+S2+S3 | [3] | 0,1 |
| 3932 | SHORT | RD | W | Fund. real power P0 LN | [0] | 0,1 |
| 3933 | SHORT | RD | W | Fund. real power P0 LN | [1] | 0,1 |
| 3934 | SHORT | RD | W | Fund. real power P0 LN | [2] | 0,1 |
| 3935 | SHORT | RD | W | Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,1 |
| 3936 | SHORT | RD | var | Harmonic distortion power D LN | [0] | 0,1 |
| 3937 | SHORT | RD | var | Harmonic distortion power D LN | [1] | 0,1 |
| 3938 | SHORT | RD | var | Harmonic distortion power D LN | [2] | 0,1 |
| 3939 | SHORT | RD | var | Sum; Dsum3=D1+D2+D3 | [3] | 0,1 |
| 3940 | SHORT | RD | % | THD I | [0] | 0,1 |
| 3941 | SHORT | RD | % | THD I | [1] | 0,1 |
| 3942 | SHORT | RD | % | THD I | [2] | 0,1 |
| 3943 | SHORT | RD | % | TDD I | [0] | 0,1 |
| 3944 | SHORT | RD | % | TDD I | [1] | 0,1 |
| 3945 | SHORT | RD | % | TDD I | [2] | 0,1 |
| 3946 | SHORT | RD | mA | Current, zero sequence | | 1 |
| 3947 | SHORT | RD | mA | Current, negative sequence | | 1 |
| 3948 | SHORT | RD | mA | Current, positive sequence | | 1 |
| 3949 | SHORT | RD | mA | Current, real part I L | [0] | 1 |
| 3950 | SHORT | RD | mA | Current, real part I L | [1] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|--|-------|------------|
| 3951 | SHORT | RD | mA | Current, real part I L | [2] | 1 |
| 3952 | SHORT | RD | mA | Current, imaginary part I L | [0] | 1 |
| 3953 | SHORT | RD | mA | Current, imaginary part I L | [1] | 1 |
| 3954 | SHORT | RD | mA | Current, imaginary part I L | [2] | 1 |
| 3955 | SHORT | RD | - | Rotation field; 1=right, 0=none, -1=left | | - |
| 10723 | SHORT | RD | mA | Current I L4 | | 1 |
| 10724 | SHORT | RD | % | THD I L4 | | 0,1 |
| 10725 | SHORT | RD | % | TDD I L4 | | 0,1 |
| 10726 | SHORT | RD | W | Power S0, input 1 | [0] | 0,1 |
| 10727 | SHORT | RD | W | Power S0, input 2 | [1] | 0,1 |
| 10728 | SHORT | RD | W | Power S0, input 3 | [2] | 0,1 |
| 11273 | SHORT | RD | °C | Temperature input 1 | | 0,1 |
| 11274 | SHORT | RD | °C | Temperature input 2 | | 0,1 |
| 11275 | SHORT | RD | % | Diff1 4-20mA | | 0,1 |
| 11276 | SHORT | RD | % | Diff1 4-20mA | | 0,1 |
| 11277 | SHORT | RD | mA | Current Diff1 | | 1 |
| 11278 | SHORT | RD | mA | Current Diff2 | | 1 |
| 11279 | SHORT | RD | % | THD I Diff1 | | 0,1 |
| 11280 | SHORT | RD | % | THD I Diff2 | | 0,1 |

Mean values, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 1720 | FLOAT | RD | Hz | Average, measured frequency | |
| 1722 | FLOAT | RD | V | Average, Voltage, zero sequence | |
| 1724 | FLOAT | RD | V | Average, Voltage, negative sequence | |
| 1726 | FLOAT | RD | V | Average, Voltage, positive sequence | |
| 1728 | FLOAT | RD | V | Average, Voltage LN | [0] |
| 1730 | FLOAT | RD | V | Average, Voltage LN | [1] |
| 1732 | FLOAT | RD | V | Average, Voltage LN | [2] |
| 1734 | FLOAT | RD | V | Average, Voltage LL | [0] |
| 1736 | FLOAT | RD | V | Average, Voltage LL | [1] |
| 1738 | FLOAT | RD | V | Average, Voltage LL | [2] |
| 2220 | FLOAT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [0] |
| 2222 | FLOAT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [1] |
| 2224 | FLOAT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [2] |
| 2226 | FLOAT | RD | - | Average, Sum; CosPhisum3=P0sum3/Ssum3 | [3] |
| 2228 | FLOAT | RD | - | Average, Power factor; ULN IL | [0] |
| 2230 | FLOAT | RD | - | Average, Power factor; ULN IL | [1] |
| 2232 | FLOAT | RD | - | Average, Power factor; ULN IL | [2] |
| 2234 | FLOAT | RD | - | Average, Sum; Power factor sum3=Psum3/Ssum3 | [3] |
| 2236 | FLOAT | RD | V | Average, THD, U LN | [0] |
| 2238 | FLOAT | RD | V | Average, THD, U LN | [1] |
| 2240 | FLOAT | RD | V | Average, THD, U LN | [2] |
| 2242 | FLOAT | RD | V | Average, THD, U LL | [0] |
| 2244 | FLOAT | RD | V | Average, THD, U LL | [1] |
| 2246 | FLOAT | RD | V | Average, THD, U LL | [2] |
| 2248 | FLOAT | RD | V | Average, Voltage, real part U LN | [0] |
| 2250 | FLOAT | RD | V | Average, Voltage, real part U LN | [1] |
| 2252 | FLOAT | RD | V | Average, Voltage, real part U LN | [2] |
| 2254 | FLOAT | RD | V | Average, Voltage, imaginary part U LN | [0] |
| 2256 | FLOAT | RD | V | Average, Voltage, imaginary part U LN | [1] |
| 2258 | FLOAT | RD | V | Average, Voltage, imaginary part U LN | [2] |
| 2500 | FLOAT | RD | A | Average, Current IL | [0] |
| 2502 | FLOAT | RD | A | Average, Current IL | [1] |
| 2504 | FLOAT | RD | A | Average, Current IL | [2] |
| 2506 | FLOAT | RD | A | Average, Vector sum; IN=I1+I2+I3 | [3] |
| 2508 | FLOAT | RD | W | Average, Real power P LN | [0] |
| 2510 | FLOAT | RD | W | Average, Real power PLN | [1] |
| 2512 | FLOAT | RD | W | Average, Real power P LN | [2] |
| 2514 | FLOAT | RD | W | Average, Sum; Psum3=P1+P2+P3 | [3] |
| 2516 | FLOAT | RD | var | Average, Fund. reactive power Q LN | [0] |
| 2518 | FLOAT | RD | var | Average, Fund. reactive power Q LN | [1] |
| 2520 | FLOAT | RD | var | Average, Fund. reactive power Q LN | [2] |
| 2522 | FLOAT | RD | var | Average, Sum; Qsum3=Q1+Q2+Q3 | [3] |
| 2524 | FLOAT | RD | VA | Average, Apparent power S LN | [0] |
| 2526 | FLOAT | RD | VA | Average, Apparent power S LN | [1] |
| 2528 | FLOAT | RD | VA | Average, Apparent power S LN | [2] |
| 2530 | FLOAT | RD | VA | Average, Sum; Ssum3=S1+S2+S3 | [3] |
| 2532 | FLOAT | RD | W | Average, Fund. real power P0 LN | [0] |
| 2534 | FLOAT | RD | W | Average, Fund. real power P0 LN | [1] |
| 2536 | FLOAT | RD | W | Average, Fund. real power P0 LN | [2] |
| 2538 | FLOAT | RD | W | Average, Sum; CosPhisum3=P0sum3/Ssum3 | [3] |
| 2540 | FLOAT | RD | var | Average, Harmonic distortion power D LN | [0] |
| 2542 | FLOAT | RD | var | Average, Harmonic distortion power D LN | [1] |
| 2544 | FLOAT | RD | var | Average, Harmonic distortion power D LN | [2] |
| 2546 | FLOAT | RD | var | Average, Sum; Dsum3=D1+D2+D3 | [3] |
| 2548 | FLOAT | RD | % | Average, THD I | [0] |
| 2550 | FLOAT | RD | % | Average, THD I | [1] |
| 2552 | FLOAT | RD | % | Average, THD I | [2] |
| 2554 | FLOAT | RD | % | Average, TDD I | [0] |
| 2556 | FLOAT | RD | % | Average, TDD I | [1] |
| 2558 | FLOAT | RD | % | Average, TDD I | [2] |
| 2560 | FLOAT | RD | - | Average, Current, zero sequence | |
| 2562 | FLOAT | RD | - | Average, Current, negative sequence | |
| 2564 | FLOAT | RD | - | Average, Current, positive sequence | |
| 2566 | FLOAT | RD | A | Average, Current, real part I L | [0] |
| 2568 | FLOAT | RD | A | Average, Current, real part I L | [1] |
| 2570 | FLOAT | RD | A | Average, Current, real part I L | [2] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 2572 | FLOAT | RD | A | Average, Current, imaginary part IL | [0] |
| 2574 | FLOAT | RD | A | Average, Current, imaginary part IL | [1] |
| 2576 | FLOAT | RD | A | Average, Current, imaginary part IL | [2] |
| 10097 | FLOAT | RD | W | Average, Power s0, input 1 | [0] |
| 10099 | FLOAT | RD | W | Average, Power s0, input 2 | [1] |
| 10101 | FLOAT | RD | W | Average, Power s0, input 3 | [2] |
| 10115 | FLOAT | RD | A | Average, Current I L4 | |
| 10117 | FLOAT | RD | % | Average, THD I L4 | |
| 10119 | FLOAT | RD | % | Average, TDD I L4 | |
| 11041 | FLOAT | RD | °C | Average, Temperature input 1 | |
| 11043 | FLOAT | RD | °C | Average, Temperature input 2 | |
| 11045 | FLOAT | RD | % | Average, Diff1 4-20mA | |
| 11047 | FLOAT | RD | % | Average, Diff2 4-20mA | |
| 11049 | FLOAT | RD | A | Average, Current Diff1 | |
| 11051 | FLOAT | RD | A | Average, Current Diff2 | |
| 11053 | FLOAT | RD | % | Average, THD I Diff1 | |
| 11055 | FLOAT | RD | % | Average, THD I Diff2 | |
| 11465 | FLOAT | RD | A | Average, Arithmetic Sum Current (I1+I2+I3) | |

Mean values, type short

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---|-------|------------|
| 3956 | SHORT | RD | Hz | Average, measured frequency | | 0,01 |
| 3957 | SHORT | RD | V | Average, Voltage, zero sequence | | 0,1 |
| 3958 | SHORT | RD | V | Average, Voltage, negative sequence | | 0,1 |
| 3959 | SHORT | RD | V | Average, Voltage, positive sequence | | 0,1 |
| 3960 | SHORT | RD | V | Average, Voltage L-N | [0] | 0,1 |
| 3961 | SHORT | RD | V | Average, Voltage L-N | [1] | 0,1 |
| 3962 | SHORT | RD | V | Average, Voltage L-N | [2] | 0,1 |
| 3963 | SHORT | RD | V | Average, Voltage L-L | [0] | 0,1 |
| 3964 | SHORT | RD | V | Average, Voltage L-L | [1] | 0,1 |
| 3965 | SHORT | RD | V | Average, Voltage L-L | [2] | 0,1 |
| 4206 | SHORT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [0] | 0,01 |
| 4207 | SHORT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [1] | 0,01 |
| 4208 | SHORT | RD | - | Average, Fund. power factor, CosPhi; ULN IL | [2] | 0,01 |
| 4209 | SHORT | RD | - | Average, Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,01 |
| 4210 | SHORT | RD | - | Average, Power factor; ULN IL | [0] | 0,01 |
| 4211 | SHORT | RD | - | Average, Power factor; ULN IL | [1] | 0,01 |
| 4212 | SHORT | RD | - | Average, Power factor; ULN IL | [2] | 0,01 |
| 4213 | SHORT | RD | - | Average, Sum; Power factor sum3=Psum3/Ssum3 | [3] | |
| 4214 | SHORT | RD | % | Average, THD U LN | [0] | 0,1 |
| 4215 | SHORT | RD | % | Average, THD U LN | [1] | 0,1 |
| 4216 | SHORT | RD | % | Average, THD U LN | [2] | 0,1 |
| 4217 | SHORT | RD | % | Average, THD U LL | [0] | 0,1 |
| 4218 | SHORT | RD | % | Average, THD U LL | [1] | 0,1 |
| 4219 | SHORT | RD | % | Average, THD U LL | [2] | 0,1 |
| 4220 | SHORT | RD | V | Average, real part U LN | [0] | 0,1 |
| 4221 | SHORT | RD | V | Average, real part U LN | [1] | 0,1 |
| 4222 | SHORT | RD | V | Average, real part U LN | [2] | 0,1 |
| 4223 | SHORT | RD | V | Average, imaginary part U LN | [0] | 0,1 |
| 4224 | SHORT | RD | V | Average, imaginary part U LN | [1] | 0,1 |
| 4225 | SHORT | RD | V | Average, imaginary part U LN | [2] | 0,1 |
| 4346 | SHORT | RD | mA | Average, Current I L | [0] | 1 |
| 4347 | SHORT | RD | mA | Average, Current I L | [1] | 1 |
| 4348 | SHORT | RD | mA | Average, Current I L | [2] | 1 |
| 4349 | SHORT | RD | mA | Average, Vector sum; IN=I1+I2+I3 | [3] | 1 |
| 4350 | SHORT | RD | W | Average, Real power P LN | [0] | 0,1 |
| 4351 | SHORT | RD | W | Average, Real power P LN | [1] | 0,1 |
| 4352 | SHORT | RD | W | Average, Real power P LN | [2] | 0,1 |
| 4353 | SHORT | RD | W | Average, Sum; Psum3=P1+P2+P3 | [3] | 0,1 |
| 4354 | SHORT | RD | var | Average, Fund. reactive power Q LN | [0] | 0,1 |
| 4355 | SHORT | RD | var | Average, Fund. reactive power Q LN | [1] | 0,1 |
| 4356 | SHORT | RD | var | Average, Fund. reactive power Q LN | [2] | 0,1 |
| 4357 | SHORT | RD | var | Average, Sum; Qsum3=Q1+Q2+Q3 | [3] | 0,1 |
| 4358 | SHORT | RD | VA | Average, Apparent power S LN | [0] | 0,1 |
| 4359 | SHORT | RD | VA | Average, Apparent power S LN | [1] | 0,1 |
| 4360 | SHORT | RD | VA | Average, Apparent power S LN | [2] | 0,1 |
| 4361 | SHORT | RD | VA | Average, Sum; Ssum3=S1+S2+S3 | [3] | 0,1 |
| 4362 | SHORT | RD | W | Average, Fund. real power P0 LN | [0] | 0,1 |
| 4363 | SHORT | RD | W | Average, Fund. real power P0 LN | [1] | 0,1 |
| 4364 | SHORT | RD | W | Average, Fund. real power P0 LN | [2] | 0,1 |
| 4365 | SHORT | RD | W | Average, Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,1 |
| 4366 | SHORT | RD | var | Average, Harmonic distortion power D LN | [0] | 0,1 |
| 4367 | SHORT | RD | var | Average, Harmonic distortion power D LN | [1] | 0,1 |
| 4368 | SHORT | RD | var | Average, Harmonic distortion power D LN | [2] | 0,1 |
| 4369 | SHORT | RD | var | Average, Sum; Dsum3=D1+D2+D3 | [3] | 0,1 |
| 4370 | SHORT | RD | % | Average, THD I | [0] | 0,1 |
| 4371 | SHORT | RD | % | Average, THD I | [1] | 0,1 |
| 4372 | SHORT | RD | % | Average, THD I | [2] | 0,1 |
| 4373 | SHORT | RD | % | Average, TDD I | [0] | 0,1 |
| 4374 | SHORT | RD | % | Average, TDD I | [1] | 0,1 |
| 4375 | SHORT | RD | % | Average, TDD I | [2] | 0,1 |
| 4376 | SHORT | RD | mA | Average, Current, zero sequence | | 1 |
| 4377 | SHORT | RD | mA | Average, Current, negative sequence | | 1 |
| 4378 | SHORT | RD | mA | Average, Current, positive sequence | | 1 |
| 4379 | SHORT | RD | mA | Average, Current, real part I L | [0] | 1 |
| 4380 | SHORT | RD | mA | Average, Current, real part I L | [1] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|--------------------------------------|-------|------------|
| 4381 | SHORT | RD | mA | Average, Current, real part I L | [2] | 1 |
| 4382 | SHORT | RD | mA | Average, Current, imaginary part I L | [0] | 1 |
| 4383 | SHORT | RD | mA | Average, Current, imaginary part I L | [1] | 1 |
| 4384 | SHORT | RD | mA | Average, Current, imaginary part I L | [2] | 1 |
| 10770 | SHORT | RD | mA | Average, Current I L4 | | 1 |
| 10771 | SHORT | RD | % | Average, THD I L4 | | 0,1 |
| 10772 | SHORT | RD | % | Average, TDD I L4 | | 0,1 |
| 10773 | SHORT | RD | W | Average, Power S0, input 1 | [0] | 0,1 |
| 10774 | SHORT | RD | W | Average, Power S0, input 2 | [1] | 0,1 |
| 10775 | SHORT | RD | W | Average, Power S0, input 3 | [2] | 0,1 |
| 11361 | SHORT | RD | °C | Average, Temperature input 1 | | 0,1 |
| 11362 | SHORT | RD | °C | Average, Temperature input 2 | | 0,1 |
| 11363 | SHORT | RD | % | Average, Diff1 4-20mA | | 0,1 |
| 11364 | SHORT | RD | % | Average, Diff2 4-20mA | | 0,1 |
| 11365 | SHORT | RD | mA | Average, Current Diff1 | | 1 |
| 11366 | SHORT | RD | mA | Average, Current Diff2 | | 1 |
| 11367 | SHORT | RD | % | Average, THD I Diff1 | | 0,1 |
| 11368 | SHORT | RD | % | Average, THD I Diff2 | | 0,1 |

Minimum values, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 3436 | FLOAT | RD | Hz | Minimum, measured frequency | |
| 3438 | FLOAT | RD | - | Minimum, Voltage, zero sequence | |
| 3440 | FLOAT | RD | - | Minimum, Voltage, negative sequence | |
| 3442 | FLOAT | RD | - | Minimum, Voltage, positive sequence | |
| 3444 | FLOAT | RD | V | Minimum, Voltage L-N | [0] |
| 3446 | FLOAT | RD | V | Minimum, Voltage L-N | [1] |
| 3448 | FLOAT | RD | V | Minimum, Voltage L-N | [2] |
| 3450 | FLOAT | RD | V | Minimum, Voltage L-L | [0] |
| 3452 | FLOAT | RD | V | Minimum, Voltage L-L | [1] |
| 3454 | FLOAT | RD | V | Minimum, Voltage L-L | [2] |
| 3456 | FLOAT | RD | - | Minimum, Fund. power factor, CosPhi; ULN IL | [0] |
| 3458 | FLOAT | RD | - | Minimum, Fund. power factor, CosPhi; ULN IL | [1] |
| 3460 | FLOAT | RD | - | Minimum, Fund. power factor, CosPhi; ULN IL | [2] |
| 3462 | FLOAT | RD | - | Minimum, Sum; CosPhisum3=P0sum3/Ssum3 | [3] |
| 3464 | FLOAT | RD | - | Minimum, Power factor; ULN I L | [0] |
| 3466 | FLOAT | RD | - | Minimum, Power factor; ULN I L | [1] |
| 3468 | FLOAT | RD | - | Minimum, Power factor; ULN I L | [2] |
| 3470 | FLOAT | RD | - | Minimum, Sum; Power factor sum3=Psum3/Ssum3 | [3] |
| 3472 | FLOAT | RD | % | Minimum, THD U LN | [0] |
| 3474 | FLOAT | RD | % | Minimum, THD U LN | [1] |
| 3476 | FLOAT | RD | % | Minimum, THD U LN | [2] |
| 3478 | FLOAT | RD | % | Minimum, THD U LL | [0] |
| 3480 | FLOAT | RD | % | Minimum, THD U LL | [1] |
| 3482 | FLOAT | RD | % | Minimum, THD U LL | [2] |
| 3484 | FLOAT | RD | V | Minimum, Voltage, real part U LN | [0] |
| 3486 | FLOAT | RD | V | Minimum, Voltage, real part U LN | [1] |
| 3488 | FLOAT | RD | V | Minimum, Voltage, real part U LN | [2] |
| 3490 | FLOAT | RD | V | Minimum, Voltage, imaginary part U LN | [0] |
| 3492 | FLOAT | RD | V | Minimum, Voltage, imaginary part U LN | [1] |
| 3494 | FLOAT | RD | V | Minimum, Voltage, imaginary part U LN | [2] |

Minimum values, type short

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------------------|-------|------------|
| 4814 | SHORT | RD | Hz | measured frequency | | 0,01 |
| 4815 | SHORT | RD | V | Voltage, zero sequence | | 0,1 |
| 4816 | SHORT | RD | V | Voltage, negative sequence | | 0,1 |
| 4817 | SHORT | RD | V | Voltage, positive sequence | | 0,1 |
| 4818 | SHORT | RD | V | Voltage L-N | [0] | 0,1 |
| 4819 | SHORT | RD | V | Voltage L-N | [1] | 0,1 |
| 4820 | SHORT | RD | V | Voltage L-N | [2] | 0,1 |
| 4821 | SHORT | RD | V | Voltage L-L | [0] | 0,1 |
| 4822 | SHORT | RD | V | Voltage L-L | [1] | 0,1 |
| 4823 | SHORT | RD | V | Voltage L-L | [2] | 0,1 |
| 4824 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [0] | 0,01 |
| 4825 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [1] | 0,01 |
| 4826 | SHORT | RD | - | Fund. power factor, CosPhi; ULN IL | [2] | 0,01 |
| 4827 | SHORT | RD | - | Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,01 |
| 4828 | SHORT | RD | - | Power factor; ULN IL | [0] | 0,01 |
| 4829 | SHORT | RD | - | Power factor; ULN IL | [1] | 0,01 |
| 4830 | SHORT | RD | - | Power factor; ULN IL | [2] | 0,01 |
| 4831 | SHORT | RD | - | Sum; Power factor sum3=Psum3/Ssum3 | [3] | |
| 4832 | SHORT | RD | % | THD U LN | [0] | 0,1 |
| 4833 | SHORT | RD | % | THD U LN | [1] | 0,1 |
| 4834 | SHORT | RD | % | THD U LN | [2] | 0,1 |
| 4835 | SHORT | RD | % | THD U LL | [0] | 0,1 |
| 4836 | SHORT | RD | % | THD U LL | [1] | 0,1 |
| 4837 | SHORT | RD | % | THD U LL | [2] | 0,1 |
| 4838 | SHORT | RD | V | Voltage, real part U LN | [0] | 0,1 |
| 4839 | SHORT | RD | V | Voltage, real part U LN | [1] | 0,1 |
| 4840 | SHORT | RD | V | Voltage, real part U LN | [2] | 0,1 |
| 4841 | SHORT | RD | V | Voltage, imaginary part U LN | [0] | 0,1 |
| 4842 | SHORT | RD | V | Voltage, imaginary part U LN | [1] | 0,1 |
| 4843 | SHORT | RD | V | Voltage, imaginary part U LN | [2] | 0,1 |

Maximum values, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 2578 | FLOAT | RD | Hz | Maximum, measured frequency | |
| 2580 | FLOAT | RD | - | Maximum, Voltage, zero sequence | |
| 2582 | FLOAT | RD | - | Maximum, Voltage, negative sequence | |
| 2584 | FLOAT | RD | - | Maximum, Voltage, positive sequence | |
| 2586 | FLOAT | RD | V | Maximum, Voltage L-N | [0] |
| 2588 | FLOAT | RD | V | Maximum, Voltage L-N | [1] |
| 2590 | FLOAT | RD | V | Maximum, Voltage L-N | [2] |
| 2592 | FLOAT | RD | V | Maximum, Voltage L-L | [0] |
| 2594 | FLOAT | RD | V | Maximum, Voltage L-L | [1] |
| 2596 | FLOAT | RD | V | Maximum, Voltage L-L | [2] |
| 3078 | FLOAT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [0] |
| 3080 | FLOAT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [1] |
| 3082 | FLOAT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [2] |
| 3084 | FLOAT | RD | - | Maximum, Sum; CosPhisum3=P0sum3/Ssum3 | [3] |
| 3086 | FLOAT | RD | - | Maximum, Power factor; ULN IL | [0] |
| 3088 | FLOAT | RD | - | Maximum, Power factor; ULN IL | [1] |
| 3090 | FLOAT | RD | - | Maximum, Power factor; ULN IL | [2] |
| 3092 | FLOAT | RD | - | Maximum, Sum; Power factor sum3=Psum3/Ssum | [3] |
| 3094 | FLOAT | RD | % | Maximum, THD, U LN | [0] |
| 3096 | FLOAT | RD | % | Maximum, THD, U LN | [1] |
| 3098 | FLOAT | RD | % | Maximum, THD, U LN | [2] |
| 3100 | FLOAT | RD | % | Maximum, THD, U LL | [0] |
| 3102 | FLOAT | RD | % | Maximum, THD, U LL | [1] |
| 3104 | FLOAT | RD | % | Maximum, THD, U LL | [2] |
| 3106 | FLOAT | RD | V | Maximum, Voltage, real part U LN | [0] |
| 3108 | FLOAT | RD | V | Maximum, Voltage, real part U LN | [1] |
| 3110 | FLOAT | RD | V | Maximum, Voltage, real part U LN | [2] |
| 3112 | FLOAT | RD | V | Maximum, Voltage, imaginary part U LN | [0] |
| 3114 | FLOAT | RD | V | Maximum, Voltage, imaginary part U LN | [1] |
| 3116 | FLOAT | RD | V | Maximum, Voltage, imaginary part U LN | [2] |
| 3358 | FLOAT | RD | A | Maximum, Current I L | [0] |
| 3360 | FLOAT | RD | A | Maximum, Current I L | [1] |
| 3362 | FLOAT | RD | A | Maximum, Current I L | [2] |
| 3364 | FLOAT | RD | A | Maximum, Vector sum; IN=I1+I2+I3 | [3] |
| 3366 | FLOAT | RD | W | Maximum, Real power P LN | [0] |
| 3368 | FLOAT | RD | W | Maximum, Real power P LN | [1] |
| 3370 | FLOAT | RD | W | Maximum, Real power P LN | [2] |
| 3372 | FLOAT | RD | W | Maximum, Sum; Psum3=P1+P2+P3 | [3] |
| 3374 | FLOAT | RD | var | Maximum, Fund. reactive power Q LN | [0] |
| 3376 | FLOAT | RD | var | Maximum, Fund. reactive power Q LN | [1] |
| 3378 | FLOAT | RD | var | Maximum, Fund. reactive power Q LN | [2] |
| 3380 | FLOAT | RD | var | Maximum, Sum; Qsum3=Q1+Q2+Q3 | [3] |
| 3382 | FLOAT | RD | VA | Maximum, Average, Apparent power S LN | [0] |
| 3384 | FLOAT | RD | VA | Maximum, Average, Apparent power S LN | [1] |
| 3386 | FLOAT | RD | VA | Maximum, Average, Apparent power S LN | [2] |
| 3388 | FLOAT | RD | VA | Maximum, Average, Sum; Ssum3=S1+S2+S3 | [3] |
| 3390 | FLOAT | RD | W | Maximum, Fund. real power P0 LN | [0] |
| 3392 | FLOAT | RD | W | Maximum, Fund. real power P0 LN | [1] |
| 3394 | FLOAT | RD | W | Maximum, Fund. real power P0 LN | [2] |
| 3396 | FLOAT | RD | W | Maximum, Sum; P0sum3=P01+P02+P03 | [3] |
| 3398 | FLOAT | RD | var | Maximum, Harmonic distortion power D LN | [0] |
| 3400 | FLOAT | RD | var | Maximum, Harmonic distortion power D LN | [1] |
| 3402 | FLOAT | RD | var | Maximum, Harmonic distortion power D LN | [2] |
| 3404 | FLOAT | RD | var | Maximum, Sum; Dsum3=D1+D2+D3 | [3] |
| 3406 | FLOAT | RD | A | Maximum, THD I | [0] |
| 3408 | FLOAT | RD | A | Maximum, THD I | [1] |
| 3410 | FLOAT | RD | A | Maximum, THD I | [2] |
| 3412 | FLOAT | RD | A | Maximum, TDD I | [0] |
| 3414 | FLOAT | RD | A | Maximum, TDD I | [1] |
| 3416 | FLOAT | RD | A | Maximum, TDD I | [2] |
| 3418 | FLOAT | RD | - | Maximum, Current, zero sequence | |
| 3420 | FLOAT | RD | - | Maximum, Current, negative sequence | |
| 3422 | FLOAT | RD | - | Maximum, positive sequence | |
| 3424 | FLOAT | RD | A | Maximum, real part I L | [0] |
| 3426 | FLOAT | RD | A | Maximum, real part I L | [1] |
| 3428 | FLOAT | RD | A | Maximum, real part I L | [2] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 3430 | FLOAT | RD | A | Maximum, imaginary part I L | [0] |
| 3432 | FLOAT | RD | A | Maximum, imaginary part I L | [1] |
| 3434 | FLOAT | RD | A | Maximum, imaginary part I L | [2] |
| 10103 | FLOAT | RD | W | Maximum, Power s0, input 1 | [0] |
| 10105 | FLOAT | RD | W | Maximum, Power s0, input 2 | [1] |
| 10107 | FLOAT | RD | W | Maximum, Power s0, input 3 | [2] |
| 10121 | FLOAT | RD | A | Maximum, Current I L4 | |
| 10123 | FLOAT | RD | % | Maximum, THD I L4 | |
| 10125 | FLOAT | RD | % | Maximum, TDD I L4 | |
| 11217 | FLOAT | RD | °C | Maximum, Temperature input 1 | |
| 11219 | FLOAT | RD | °C | Maximum, Temperature input 2 | |
| 11221 | FLOAT | RD | % | Maximum, Diff1 4-20mA | |
| 11223 | FLOAT | RD | % | Maximum, Diff2 4-20mA | |
| 11225 | FLOAT | RD | A | Maximum, Current Diff1 | |
| 11227 | FLOAT | RD | A | Maximum, Current Diff2 | |
| 11229 | FLOAT | RD | % | Maximum, THD I Diff1 | |
| 11231 | FLOAT | RD | % | Maximum, THD I Diff2 | |
| 11467 | FLOAT | RD | A | Maximum, Arithmetic Sum Current (I1+I2+I3) | |

Maximum values, type short

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---|-------|------------|
| 4385 | SHORT | RD | Hz | Maximum, measured frequency | | 0,01 |
| 4386 | SHORT | RD | V | Maximum, Voltage, zero sequence | | 0,1 |
| 4387 | SHORT | RD | V | Maximum, Voltage, negative sequence | | 0,1 |
| 4388 | SHORT | RD | V | Maximum, Voltage, positive sequence | | 0,1 |
| 4389 | SHORT | RD | V | Maximum, Voltage L-N | [0] | 0,1 |
| 4390 | SHORT | RD | V | Maximum, Voltage L-N | [1] | 0,1 |
| 4391 | SHORT | RD | V | Maximum, Voltage L-N | [2] | 0,1 |
| 4392 | SHORT | RD | V | Maximum, Voltage L-L | [0] | 0,1 |
| 4393 | SHORT | RD | V | Maximum, Voltage L-L | [1] | 0,1 |
| 4394 | SHORT | RD | V | Maximum, Voltage L-L | [2] | 0,1 |
| 4635 | SHORT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [0] | 0,01 |
| 4636 | SHORT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [1] | 0,01 |
| 4637 | SHORT | RD | - | Maximum, Fund. power factor, CosPhi; ULN IL | [2] | 0,01 |
| 4638 | SHORT | RD | - | Maximum, Sum; CosPhisum3=P0sum3/Ssum3 | [3] | 0,01 |
| 4639 | SHORT | RD | - | Maximum, Power factor; ULN IL | [0] | 0,01 |
| 4640 | SHORT | RD | - | Maximum, Power factor; ULN IL | [1] | 0,01 |
| 4641 | SHORT | RD | - | Maximum, Power factor; ULN IL | [2] | 0,01 |
| 4642 | SHORT | RD | - | Maximum, Sum; Power factor sum3=Psum3/Ssum3 | [3] | 0,01 |
| 4643 | SHORT | RD | % | Maximum, THD U LN | [0] | 0,1 |
| 4644 | SHORT | RD | % | Maximum, THD U LN | [1] | 0,1 |
| 4645 | SHORT | RD | % | Maximum, THD U LN | [2] | 0,1 |
| 4646 | SHORT | RD | % | Maximum, THD U LL | [0] | 0,1 |
| 4647 | SHORT | RD | % | Maximum, THD U LL | [1] | 0,1 |
| 4648 | SHORT | RD | % | Maximum, THD U LL | [2] | 0,1 |
| 4649 | SHORT | RD | V | Maximum, real part U LN | [0] | 0,1 |
| 4650 | SHORT | RD | V | Maximum, real part U LN | [1] | 0,1 |
| 4651 | SHORT | RD | V | Maximum, real part U LN | [2] | 0,1 |
| 4652 | SHORT | RD | V | Maximum, imaginary part U LN | [0] | 0,1 |
| 4653 | SHORT | RD | V | Maximum, imaginary part U LN | [1] | 0,1 |
| 4654 | SHORT | RD | V | Maximum, imaginary part U LN | [2] | 0,1 |
| 4775 | SHORT | RD | mA | Maximum, Current I L | [0] | 1 |
| 4776 | SHORT | RD | mA | Maximum, Current I L | [1] | 1 |
| 4777 | SHORT | RD | mA | Maximum, Current I L | [2] | 1 |
| 4778 | SHORT | RD | mA | Maximum, Vector sum; IN=I1+I2+I3 | [3] | 1 |
| 4779 | SHORT | RD | W | Maximum, Real power P LN | [0] | 0,1 |
| 4780 | SHORT | RD | W | Maximum, Real power P LN | [1] | 0,1 |
| 4781 | SHORT | RD | W | Maximum, Real power P LN | [2] | 0,1 |
| 4782 | SHORT | RD | W | Maximum, Sum; Psum3=P1+P2+P3 | [3] | 0,1 |
| 4783 | SHORT | RD | var | Maximum, Fund. reactive power Q LN | [0] | 0,1 |
| 4784 | SHORT | RD | var | Maximum, Fund. reactive power Q LN | [1] | 0,1 |
| 4785 | SHORT | RD | var | Maximum, Fund. reactive power Q LN | [2] | 0,1 |
| 4786 | SHORT | RD | var | Maximum, Sum; Qsum3=Q1+Q2+Q3 | [3] | 0,1 |
| 4787 | SHORT | RD | VA | Maximum, Apparent power S LN | [0] | 0,1 |
| 4788 | SHORT | RD | VA | Maximum, Apparent power S LN | [1] | 0,1 |
| 4789 | SHORT | RD | VA | Maximum, Apparent power S LN | [2] | 0,1 |
| 4790 | SHORT | RD | VA | Maximum, Sum; Ssum3=S1+S2+S3 | [3] | 0,1 |
| 4791 | SHORT | RD | W | Maximum, Fund. real power P0 LN | [0] | 0,1 |
| 4792 | SHORT | RD | W | Maximum, Fund. real power P0 LN | [1] | 0,1 |
| 4793 | SHORT | RD | W | Maximum, Fund. real power P0 LN | [2] | 0,1 |
| 4794 | SHORT | RD | W | Maximum, Sum; P0sum3=P01+P02+P03 | [3] | 0,1 |
| 4795 | SHORT | RD | var | Maximum, Harmonic distortion power D LN | [0] | 0,1 |
| 4796 | SHORT | RD | var | Maximum, Harmonic distortion power D LN | [1] | 0,1 |
| 4797 | SHORT | RD | var | Maximum, Harmonic distortion power D LN | [2] | 0,1 |
| 4798 | SHORT | RD | var | Maximum, Sum; Dsum3=D1+D2+D3 | [3] | 0,1 |
| 4799 | SHORT | RD | % | Maximum, THD I | [0] | 0,1 |
| 4800 | SHORT | RD | % | Maximum, THD I | [1] | 0,1 |
| 4801 | SHORT | RD | % | Maximum, THD I | [2] | 0,1 |
| 4802 | SHORT | RD | % | Maximum, TDD I | [0] | 0,1 |
| 4803 | SHORT | RD | % | Maximum, TDD I | [1] | 0,1 |
| 4804 | SHORT | RD | % | Maximum, TDD I | [2] | 0,1 |
| 4805 | SHORT | RD | mA | Maximum, Current, zero sequence | | 1 |
| 4806 | SHORT | RD | mA | Maximum, Current, negative sequence | | 1 |
| 4807 | SHORT | RD | mA | Maximum, Current, positive sequence | | 1 |
| 4808 | SHORT | RD | mA | Maximum, Current, real part IL | [0] | 1 |
| 4809 | SHORT | RD | mA | Maximum, Current, real part IL | [1] | 1 |
| 4810 | SHORT | RD | mA | Maximum, Current, real part IL | [2] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|--------------------------------------|-------|------------|
| 4811 | SHORT | RD | mA | Maximum, Current, imaginary part I L | [0] | 1 |
| 4812 | SHORT | RD | mA | Maximum, Current, imaginary part I L | [1] | 1 |
| 4813 | SHORT | RD | mA | Maximum, Current, imaginary part I L | [2] | 1 |
| 10817 | SHORT | RD | mA | Maximum, Current I L4 | | 1 |
| 10818 | SHORT | RD | % | Maximum, THD I L4 | | 0,1 |
| 10819 | SHORT | RD | % | Maximum, TDD I L4 | | 0,1 |
| 10820 | SHORT | RD | W | Maximum, Power S0, input 1 | | 0,1 |
| 10821 | SHORT | RD | W | Maximum, Power S0, input 2 | | 0,1 |
| 10822 | SHORT | RD | W | Maximum, Power S0, input 3 | | 0,1 |
| 11449 | SHORT | RD | °C | Maximum, Temperature input 1 | | 0,1 |
| 11450 | SHORT | RD | °C | Maximum, Temperature input 2 | | 0,1 |
| 11451 | SHORT | RD | % | Maximum, Diff1 4-20mA | | 0,1 |
| 11452 | SHORT | RD | % | Maximum, Diff2 4-20mA | | 0,1 |
| 11453 | SHORT | RD | mA | Maximum, Current Diff1 | | 1 |
| 11454 | SHORT | RD | mA | Maximum, Current Diff2 | | 1 |
| 11455 | SHORT | RD | % | Maximum, THD I Diff1 | | 0,1 |
| 11456 | SHORT | RD | % | Maximum, THD I Diff2 | | 0,1 |

Maximum values of mean values, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 3496 | FLOAT | RD | A | Max. values of average val., Current I L1 | [0] |
| 3498 | FLOAT | RD | A | Max. values of average val., Current I L2 | [1] |
| 3500 | FLOAT | RD | A | Max. values of average val., Current I L3 | [2] |
| 3502 | FLOAT | RD | A | Max. values of average val., Vector sum; $IN=I1+I2+I3$ | [3] |
| 3504 | FLOAT | RD | W | Max. values of average val., Real power P L1-N | [0] |
| 3506 | FLOAT | RD | W | Max. values of average val., Real power P L2-N | [1] |
| 3508 | FLOAT | RD | W | Max. values of average val., Real power P L3-N | [2] |
| 3510 | FLOAT | RD | W | Max. values of average val., Sum; $Psum3=P1+P2+P3$ | [3] |
| 10127 | FLOAT | RD | A | Max. values of average val., Current I L4 | |
| 11233 | FLOAT | RD | °C | Max. values of average val., Temperature input 1 | |
| 11235 | FLOAT | RD | °C | Max. values of average val., Temperature input 2 | |
| 11237 | FLOAT | RD | % | Max. values of average val., Diff1 4-20mA | |
| 11239 | FLOAT | RD | % | Max. values of average val., Diff2 4-20mA | |
| 11241 | FLOAT | RD | A | Max. values of average val., Current Diff1 | |
| 11243 | FLOAT | RD | A | Max. values of average val., Current Diff2 | |
| 11469 | FLOAT | RD | A | Arithmetic Sum Current (I1+I2+I3), maximum average | |

Maximum values of mean values, type short

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---|-------|------------|
| 4844 | SHORT | RD | mA | Max. value of average val., Current I L | [0] | 1 |
| 4845 | SHORT | RD | mA | Max. value of average val., Current I L | [1] | 1 |
| 4846 | SHORT | RD | mA | Max. value of average val., Current I L | [2] | 1 |
| 4847 | SHORT | RD | mA | Max. value of average val., Vector sum; $IN=I1+I2+I3$ | [3] | 1 |
| 4848 | SHORT | RD | W | Max. value of average val., Real power P LN | [0] | 0,1 |
| 4849 | SHORT | RD | W | Max. value of average val., Real power P LN | [1] | 0,1 |
| 4850 | SHORT | RD | W | Max. value of average val., Real power P LN | [2] | 0,1 |
| 4851 | SHORT | RD | W | Max. value of average val., Sum; $Psum3=P1+P2+P3$ | [3] | 0,1 |
| 10864 | SHORT | RD | mA | Max. value of average val., current I L4 | | 1 |
| 11457 | SHORT | RD | °C | Max. value of average val., Temperature input 1 | | 0,1 |
| 11458 | SHORT | RD | °C | Max. value of average val., Temperature input 2 | | 0,1 |
| 11459 | SHORT | RD | % | Max. value of average val., Diff1 4-20mA | | 0,1 |
| 11460 | SHORT | RD | % | Max. value of average val., Diff2 4-20mA | | 0,1 |
| 11461 | SHORT | RD | mA | Max. value of average val., Current Diff1 | | 1 |
| 11462 | SHORT | RD | mA | Max. value of average val., Current Diff2 | | 1 |

Energy, type Integer

The energy values in integer format do not provide any current- and voltage transformer ratios

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------------|-------|
| 5448 | INT | RD | Wh | Real energy, L1, rate | [0] |
| 5450 | INT | RD | Wh | Real energy, L1, rate | [1] |
| 5452 | INT | RD | Wh | Real energy, L1, rate | [2] |
| 5454 | INT | RD | Wh | Real energy, L1, rate | [3] |
| 5456 | INT | RD | Wh | Real energy, L1, rate | [4] |
| 5458 | INT | RD | Wh | Real energy, L1, rate | [5] |
| 5460 | INT | RD | Wh | Real energy, L1, rate | [6] |
| 5462 | INT | RD | Wh | Real energy, L1, rate | [7] |
| 5464 | INT | RD | Wh | Real energy, L1, obtained, rate | [0] |
| 5466 | INT | RD | Wh | Real energy, L1, obtained, rate | [1] |
| 5468 | INT | RD | Wh | Real energy, L1, obtained, rate | [2] |
| 5470 | INT | RD | Wh | Real energy, L1, obtained, rate | [3] |
| 5472 | INT | RD | Wh | Real energy, L1, obtained, rate | [4] |
| 5474 | INT | RD | Wh | Real energy, L1, obtained, rate | [5] |
| 5476 | INT | RD | Wh | Real energy, L1, obtained, rate | [6] |
| 5478 | INT | RD | Wh | Real energy, L1, obtained, rate | [7] |
| 5480 | INT | RD | Wh | Real energy, L1, supplied, rate | [0] |
| 5482 | INT | RD | Wh | Real energy, L1, supplied, rate | [1] |
| 5484 | INT | RD | Wh | Real energy, L1, supplied, rate | [2] |
| 5486 | INT | RD | Wh | Real energy, L1, supplied, rate | [3] |
| 5488 | INT | RD | Wh | Real energy, L1, supplied, rate | [4] |
| 5490 | INT | RD | Wh | Real energy, L1, supplied, rate | [5] |
| 5492 | INT | RD | Wh | Real energy, L1, supplied, rate | [6] |
| 5494 | INT | RD | Wh | Real energy, L1, supplied, rate | [7] |
| 5496 | INT | RD | varh | Reactive energy, L1, rate | [0] |
| 5498 | INT | RD | varh | Reactive energy, L1, rate | [1] |
| 5500 | INT | RD | varh | Reactive energy, L1, rate | [2] |
| 5502 | INT | RD | varh | Reactive energy, L1, rate | [3] |
| 5504 | INT | RD | varh | Reactive energy, L1, rate | [4] |
| 5506 | INT | RD | varh | Reactive energy, L1, rate | [5] |
| 5508 | INT | RD | varh | Reactive energy, L1, rate | [6] |
| 5510 | INT | RD | varh | Reactive energy, L1, rate | [7] |
| 5512 | INT | RD | varh | Reactive energy, L1, ind., rate | [0] |
| 5514 | INT | RD | varh | Reactive energy, L1, ind., rate | [1] |
| 5516 | INT | RD | varh | Reactive energy, L1, ind., rate | [2] |
| 5518 | INT | RD | varh | Reactive energy, L1, ind., rate | [3] |
| 5520 | INT | RD | varh | Reactive energy, L1, ind., rate | [4] |
| 5522 | INT | RD | varh | Reactive energy, L1, ind., rate | [5] |
| 5524 | INT | RD | varh | Reactive energy, L1, ind., rate | [6] |
| 5526 | INT | RD | varh | Reactive energy, L1, ind., rate | [7] |
| 5528 | INT | RD | varh | Reactive energy, L1, cap., rate | [0] |
| 5530 | INT | RD | varh | Reactive energy, L1, cap., rate | [1] |
| 5532 | INT | RD | varh | Reactive energy, L1, cap., rate | [2] |
| 5534 | INT | RD | varh | Reactive energy, L1, cap., rate | [3] |
| 5536 | INT | RD | varh | Reactive energy, L1, cap., rate | [4] |
| 5538 | INT | RD | varh | Reactive energy, L1, cap., rate | [5] |
| 5540 | INT | RD | varh | Reactive energy, L1, cap., rate | [6] |
| 5542 | INT | RD | varh | Reactive energy, L1, cap., rate | [7] |
| 5544 | INT | RD | VAh | Apparent energy, L1, rate | [0] |
| 5546 | INT | RD | VAh | Apparent energy, L1, rate | [1] |
| 5548 | INT | RD | VAh | Apparent energy, L1, rate | [2] |
| 5550 | INT | RD | VAh | Apparent energy, L1, rate | [3] |
| 5552 | INT | RD | VAh | Apparent energy, L1, rate | [4] |
| 5554 | INT | RD | VAh | Apparent energy, L1, rate | [5] |
| 5556 | INT | RD | VAh | Apparent energy, L1, rate | [6] |
| 5558 | INT | RD | VAh | Apparent energy, L1, rate | [7] |
| 5560 | INT | RD | Wh | Real energy, L2, rate | [0] |
| 5562 | INT | RD | Wh | Real energy, L2, rate | [1] |
| 5564 | INT | RD | Wh | Real energy, L2, rate | [2] |
| 5566 | INT | RD | Wh | Real energy, L2, rate | [3] |
| 5568 | INT | RD | Wh | Real energy, L2, rate | [4] |
| 5570 | INT | RD | Wh | Real energy, L2, rate | [5] |
| 5572 | INT | RD | Wh | Real energy, L2, rate | [6] |
| 5574 | INT | RD | Wh | Real energy, L2, rate | [7] |
| 5576 | INT | RD | Wh | Real energy, L2, obtained, rate | [0] |
| 5578 | INT | RD | Wh | Real energy, L2, obtained, rate | [1] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------------|-------|
| 5580 | INT | RD | Wh | Real energy, L2, obtained, rate | [2] |
| 5582 | INT | RD | Wh | Real energy, L2, obtained, rate | [3] |
| 5584 | INT | RD | Wh | Real energy, L2, obtained, rate | [4] |
| 5586 | INT | RD | Wh | Real energy, L2, obtained, rate | [5] |
| 5588 | INT | RD | Wh | Real energy, L2, obtained, rate | [6] |
| 5590 | INT | RD | Wh | Real energy, L2, obtained, rate | [7] |
| 5592 | INT | RD | Wh | Real energy, L2, supplied, rate | [0] |
| 5594 | INT | RD | Wh | Real energy, L2, supplied, rate | [1] |
| 5596 | INT | RD | Wh | Real energy, L2, supplied, rate | [2] |
| 5598 | INT | RD | Wh | Real energy, L2, supplied, rate | [3] |
| 5600 | INT | RD | Wh | Real energy, L2, supplied, rate | [4] |
| 5602 | INT | RD | Wh | Real energy, L2, supplied, rate | [5] |
| 5604 | INT | RD | Wh | Real energy, L2, supplied, rate | [6] |
| 5606 | INT | RD | Wh | Real energy, L2, supplied, rate | [7] |
| 5608 | INT | RD | varh | Reactive energy, L2, rate | [0] |
| 5610 | INT | RD | varh | Reactive energy, L2, rate | [1] |
| 5612 | INT | RD | varh | Reactive energy, L2, rate | [2] |
| 5614 | INT | RD | varh | Reactive energy, L2, rate | [3] |
| 5616 | INT | RD | varh | Reactive energy, L2, rate | [4] |
| 5618 | INT | RD | varh | Reactive energy, L2, rate | [5] |
| 5620 | INT | RD | varh | Reactive energy, L2, rate | [6] |
| 5622 | INT | RD | varh | Reactive energy, L2, rate | [7] |
| 5624 | INT | RD | varh | Reactive energy, L2, ind., rate | [0] |
| 5626 | INT | RD | varh | Reactive energy, L2, ind., rate | [1] |
| 5628 | INT | RD | varh | Reactive energy, L2, ind., rate | [2] |
| 5630 | INT | RD | varh | Reactive energy, L2, ind., rate | [3] |
| 5632 | INT | RD | varh | Reactive energy, L2, ind., rate | [4] |
| 5634 | INT | RD | varh | Reactive energy, L2, ind., rate | [5] |
| 5636 | INT | RD | varh | Reactive energy, L2, ind., rate | [6] |
| 5638 | INT | RD | varh | Reactive energy, L2, ind., rate | [7] |
| 5640 | INT | RD | varh | Reactive energy, L2, cap., rate | [0] |
| 5642 | INT | RD | varh | Reactive energy, L2, cap., rate | [1] |
| 5644 | INT | RD | varh | Reactive energy, L2, cap., rate | [2] |
| 5646 | INT | RD | varh | Reactive energy, L2, cap., rate | [3] |
| 5648 | INT | RD | varh | Reactive energy, L2, cap., rate | [4] |
| 5650 | INT | RD | varh | Reactive energy, L2, cap., rate | [5] |
| 5652 | INT | RD | varh | Reactive energy, L2, cap., rate | [6] |
| 5654 | INT | RD | varh | Reactive energy, L2, cap., rate | [7] |
| 5656 | INT | RD | VAh | Apparent energy, L2, rate | [0] |
| 5658 | INT | RD | VAh | Apparent energy, L2, rate | [1] |
| 5660 | INT | RD | VAh | Apparent energy, L2, rate | [2] |
| 5662 | INT | RD | VAh | Apparent energy, L2, rate | [3] |
| 5664 | INT | RD | VAh | Apparent energy, L2, rate | [4] |
| 5666 | INT | RD | VAh | Apparent energy, L2, rate | [5] |
| 5668 | INT | RD | VAh | Apparent energy, L2, rate | [6] |
| 5670 | INT | RD | VAh | Apparent energy, L2, rate | [7] |
| 5672 | INT | RD | Wh | Real energy, L3, rate | [0] |
| 5674 | INT | RD | Wh | Real energy, L3, rate | [1] |
| 5676 | INT | RD | Wh | Real energy, L3, rate | [2] |
| 5678 | INT | RD | Wh | Real energy, L3, rate | [3] |
| 5680 | INT | RD | Wh | Real energy, L3, rate | [4] |
| 5682 | INT | RD | Wh | Real energy, L3, rate | [5] |
| 5684 | INT | RD | Wh | Real energy, L3, rate | [6] |
| 5686 | INT | RD | Wh | Real energy, L3, rate | [7] |
| 5688 | INT | RD | Wh | Real energy, L3, obtained, rate | [0] |
| 5690 | INT | RD | Wh | Real energy, L3, obtained, rate | [1] |
| 5692 | INT | RD | Wh | Real energy, L3, obtained, rate | [2] |
| 5694 | INT | RD | Wh | Real energy, L3, obtained, rate | [3] |
| 5696 | INT | RD | Wh | Real energy, L3, obtained, rate | [4] |
| 5698 | INT | RD | Wh | Real energy, L3, obtained, rate | [5] |
| 5700 | INT | RD | Wh | Real energy, L3, obtained, rate | [6] |
| 5702 | INT | RD | Wh | Real energy, L3, obtained, rate | [7] |
| 5704 | INT | RD | Wh | Real energy, L3, supplied, rate | [0] |
| 5706 | INT | RD | Wh | Real energy, L3, supplied, rate | [1] |
| 5708 | INT | RD | Wh | Real energy, L3, supplied, rate | [2] |
| 5710 | INT | RD | Wh | Real energy, L3, supplied, rate | [3] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 5712 | INT | RD | Wh | Real energy, L3, supplied, rate | [4] |
| 5714 | INT | RD | Wh | Real energy, L3, supplied, rate | [5] |
| 5716 | INT | RD | Wh | Real energy, L3, supplied, rate | [6] |
| 5718 | INT | RD | Wh | Real energy, L3, supplied, rate | [7] |
| 5720 | INT | RD | varh | Reactive energy, L3, rate | [0] |
| 5722 | INT | RD | varh | Reactive energy, L3, rate | [1] |
| 5724 | INT | RD | varh | Reactive energy, L3, rate | [2] |
| 5726 | INT | RD | varh | Reactive energy, L3, rate | [3] |
| 5728 | INT | RD | varh | Reactive energy, L3, rate | [4] |
| 5730 | INT | RD | varh | Reactive energy, L3, rate | [5] |
| 5732 | INT | RD | varh | Reactive energy, L3, rate | [6] |
| 5734 | INT | RD | varh | Reactive energy, L3, rate | [7] |
| 5736 | INT | RD | varh | Reactive energy, L3, ind., rate | [0] |
| 5738 | INT | RD | varh | Reactive energy, L3, ind., rate | [1] |
| 5740 | INT | RD | varh | Reactive energy, L3, ind., rate | [2] |
| 5742 | INT | RD | varh | Reactive energy, L3, ind., rate | [3] |
| 5744 | INT | RD | varh | Reactive energy, L3, ind., rate | [4] |
| 5746 | INT | RD | varh | Reactive energy, L3, ind., rate | [5] |
| 5748 | INT | RD | varh | Reactive energy, L3, ind., rate | [6] |
| 5750 | INT | RD | varh | Reactive energy, L3, ind., rate | [7] |
| 5752 | INT | RD | varh | Reactive energy, L3, cap., rate | [0] |
| 5754 | INT | RD | varh | Reactive energy, L3, cap., rate | [1] |
| 5756 | INT | RD | varh | Reactive energy, L3, cap., rate | [2] |
| 5758 | INT | RD | varh | Reactive energy, L3, cap., rate | [3] |
| 5760 | INT | RD | varh | Reactive energy, L3, cap., rate | [4] |
| 5762 | INT | RD | varh | Reactive energy, L3, cap., rate | [5] |
| 5764 | INT | RD | varh | Reactive energy, L3, cap., rate | [6] |
| 5766 | INT | RD | varh | Reactive energy, L3, cap., rate | [7] |
| 5768 | INT | RD | VAh | Apparent energy, L3, rate | [0] |
| 5770 | INT | RD | VAh | Apparent energy, L3, rate | [1] |
| 5772 | INT | RD | VAh | Apparent energy, L3, rate | [2] |
| 5774 | INT | RD | VAh | Apparent energy, L3, rate | [3] |
| 5776 | INT | RD | VAh | Apparent energy, L3, rate | [4] |
| 5778 | INT | RD | VAh | Apparent energy, L3, rate | [5] |
| 5780 | INT | RD | VAh | Apparent energy, L3, rate | [6] |
| 5782 | INT | RD | VAh | Apparent energy, L3, rate | [7] |
| 5784 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [0] |
| 5786 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [1] |
| 5788 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [2] |
| 5790 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [3] |
| 5792 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [4] |
| 5794 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [5] |
| 5796 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [6] |
| 5798 | INT | RD | Wh | Real energy, sum. L1..L3, rate | [7] |
| 5800 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [0] |
| 5802 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [1] |
| 5804 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [2] |
| 5806 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [3] |
| 5808 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [4] |
| 5810 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [5] |
| 5812 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [6] |
| 5814 | INT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [7] |
| 5816 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [0] |
| 5818 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [1] |
| 5820 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [2] |
| 5822 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [3] |
| 5824 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [4] |
| 5826 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [5] |
| 5828 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [6] |
| 5830 | INT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [7] |
| 5832 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [0] |
| 5834 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [1] |
| 5836 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [2] |
| 5838 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [3] |
| 5840 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [4] |
| 5842 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [5] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 5844 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [6] |
| 5846 | INT | RD | varh | Reactive energy, sum. L1..L3, rate | [7] |
| 5848 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [0] |
| 5850 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [1] |
| 5852 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [2] |
| 5854 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [3] |
| 5856 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [4] |
| 5858 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [5] |
| 5860 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [6] |
| 5862 | INT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [7] |
| 5864 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [0] |
| 5866 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [1] |
| 5868 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [2] |
| 5870 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [3] |
| 5872 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [4] |
| 5874 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [5] |
| 5876 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [6] |
| 5878 | INT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [7] |
| 5880 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [0] |
| 5882 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [1] |
| 5884 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [2] |
| 5886 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [3] |
| 5888 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [4] |
| 5890 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [5] |
| 5892 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [6] |
| 5894 | INT | RD | VAh | Apparent energy, sum. L1..L3, rate | [7] |
| 5896 | INT | RD | sec | Operation hours meter | |
| 10329 | UINT | RD/WR | n | Energy meter (counter, not scaled), impulse input 1 | |
| 10331 | UINT | RD/WR | n | Energy meter (counter, not scaled), impulse input 2 | |
| 10333 | UINT | RD/WR | n | Energy meter (counter, not scaled), impulse input 3 | |

Energy, type float

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------------|-------|
| 5000 | FLOAT | RD | Wh | Real energy, L1, rate | [0] |
| 5002 | FLOAT | RD | Wh | Real energy, L1, rate | [1] |
| 5004 | FLOAT | RD | Wh | Real energy, L1, rate | [2] |
| 5006 | FLOAT | RD | Wh | Real energy, L1, rate | [3] |
| 5008 | FLOAT | RD | Wh | Real energy, L1, rate | [4] |
| 5010 | FLOAT | RD | Wh | Real energy, L1, rate | [5] |
| 5012 | FLOAT | RD | Wh | Real energy, L1, rate | [6] |
| 5014 | FLOAT | RD | Wh | Real energy, L1, rate | [7] |
| 5016 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [0] |
| 5018 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [1] |
| 5020 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [2] |
| 5022 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [3] |
| 5024 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [4] |
| 5026 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [5] |
| 5028 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [6] |
| 5030 | FLOAT | RD | Wh | Real energy, L1, obtained, rate | [7] |
| 5032 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [0] |
| 5034 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [1] |
| 5036 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [2] |
| 5038 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [3] |
| 5040 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [4] |
| 5042 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [5] |
| 5044 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [6] |
| 5046 | FLOAT | RD | Wh | Real energy, L1, supplied, rate | [7] |
| 5048 | FLOAT | RD | varh | Reactive energy, L1, rate | [0] |
| 5050 | FLOAT | RD | varh | Reactive energy, L1, rate | [1] |
| 5052 | FLOAT | RD | varh | Reactive energy, L1, rate | [2] |
| 5054 | FLOAT | RD | varh | Reactive energy, L1, rate | [3] |
| 5056 | FLOAT | RD | varh | Reactive energy, L1, rate | [4] |
| 5058 | FLOAT | RD | varh | Reactive energy, L1, rate | [5] |
| 5060 | FLOAT | RD | varh | Reactive energy, L1, rate | [6] |
| 5062 | FLOAT | RD | varh | Reactive energy, L1, rate | [7] |
| 5064 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [0] |
| 5066 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [1] |
| 5068 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [2] |
| 5070 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [3] |
| 5072 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [4] |
| 5074 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [5] |
| 5076 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [6] |
| 5078 | FLOAT | RD | varh | Reactive energy, L1, ind., rate | [7] |
| 5080 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [0] |
| 5082 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [1] |
| 5084 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [2] |
| 5086 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [3] |
| 5088 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [4] |
| 5090 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [5] |
| 5092 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [6] |
| 5094 | FLOAT | RD | varh | Reactive energy, L1, cap., rate | [7] |
| 5096 | FLOAT | RD | VAh | Apparent energy, L1, rate | [0] |
| 5098 | FLOAT | RD | VAh | Apparent energy, L1, rate | [1] |
| 5100 | FLOAT | RD | VAh | Apparent energy, L1, rate | [2] |
| 5102 | FLOAT | RD | VAh | Apparent energy, L1, rate | [3] |
| 5104 | FLOAT | RD | VAh | Apparent energy, L1, rate | [4] |
| 5106 | FLOAT | RD | VAh | Apparent energy, L1, rate | [5] |
| 5108 | FLOAT | RD | VAh | Apparent energy, L1, rate | [6] |
| 5110 | FLOAT | RD | VAh | Apparent energy, L1, rate | [7] |
| 5112 | FLOAT | RD | Wh | Real energy, L2, rate | [0] |
| 5114 | FLOAT | RD | Wh | Real energy, L2, rate | [1] |
| 5116 | FLOAT | RD | Wh | Real energy, L2, rate | [2] |
| 5118 | FLOAT | RD | Wh | Real energy, L2, rate | [3] |
| 5120 | FLOAT | RD | Wh | Real energy, L2, rate | [4] |
| 5122 | FLOAT | RD | Wh | Real energy, L2, rate | [5] |
| 5124 | FLOAT | RD | Wh | Real energy, L2, rate | [6] |
| 5126 | FLOAT | RD | Wh | Real energy, L2, rate | [7] |
| 5128 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [0] |
| 5130 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [1] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------------|-------|
| 5132 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [2] |
| 5134 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [3] |
| 5136 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [4] |
| 5138 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [5] |
| 5140 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [6] |
| 5142 | FLOAT | RD | Wh | Real energy, L2, obtained, rate | [7] |
| 5144 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [0] |
| 5146 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [1] |
| 5148 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [2] |
| 5150 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [3] |
| 5152 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [4] |
| 5154 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [5] |
| 5156 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [6] |
| 5158 | FLOAT | RD | Wh | Real energy, L2, supplied, rate | [7] |
| 5160 | FLOAT | RD | varh | Reactive energy, L2, rate | [0] |
| 5162 | FLOAT | RD | varh | Reactive energy, L2, rate | [1] |
| 5164 | FLOAT | RD | varh | Reactive energy, L2, rate | [2] |
| 5166 | FLOAT | RD | varh | Reactive energy, L2, rate | [3] |
| 5168 | FLOAT | RD | varh | Reactive energy, L2, rate | [4] |
| 5170 | FLOAT | RD | varh | Reactive energy, L2, rate | [5] |
| 5172 | FLOAT | RD | varh | Reactive energy, L2, rate | [6] |
| 5174 | FLOAT | RD | varh | Reactive energy, L2, rate | [7] |
| 5176 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [0] |
| 5178 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [1] |
| 5180 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [2] |
| 5182 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [3] |
| 5184 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [4] |
| 5186 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [5] |
| 5188 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [6] |
| 5190 | FLOAT | RD | varh | Reactive energy, L2, ind., rate | [7] |
| 5192 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [0] |
| 5194 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [1] |
| 5196 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [2] |
| 5198 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [3] |
| 5200 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [4] |
| 5202 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [5] |
| 5204 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [6] |
| 5206 | FLOAT | RD | varh | Reactive energy, L2, cap., rate | [7] |
| 5208 | FLOAT | RD | VAh | Apparent energy, L2, rate | [0] |
| 5210 | FLOAT | RD | VAh | Apparent energy, L2, rate | [1] |
| 5212 | FLOAT | RD | VAh | Apparent energy, L2, rate | [2] |
| 5214 | FLOAT | RD | VAh | Apparent energy, L2, rate | [3] |
| 5216 | FLOAT | RD | VAh | Apparent energy, L2, rate | [4] |
| 5218 | FLOAT | RD | VAh | Apparent energy, L2, rate | [5] |
| 5220 | FLOAT | RD | VAh | Apparent energy, L2, rate | [6] |
| 5222 | FLOAT | RD | VAh | Apparent energy, L2, rate | [7] |
| 5224 | FLOAT | RD | Wh | Real energy, L3, rate | [0] |
| 5226 | FLOAT | RD | Wh | Real energy, L3, rate | [1] |
| 5228 | FLOAT | RD | Wh | Real energy, L3, rate | [2] |
| 5230 | FLOAT | RD | Wh | Real energy, L3, rate | [3] |
| 5232 | FLOAT | RD | Wh | Real energy, L3, rate | [4] |
| 5234 | FLOAT | RD | Wh | Real energy, L3, rate | [5] |
| 5236 | FLOAT | RD | Wh | Real energy, L3, rate | [6] |
| 5238 | FLOAT | RD | Wh | Real energy, L3, rate | [7] |
| 5240 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [0] |
| 5242 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [1] |
| 5244 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [2] |
| 5246 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [3] |
| 5248 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [4] |
| 5250 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [5] |
| 5252 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [6] |
| 5254 | FLOAT | RD | Wh | Real energy, L3, obtained, rate | [7] |
| 5256 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [0] |
| 5258 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [1] |
| 5260 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [2] |
| 5262 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [3] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 5264 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [4] |
| 5266 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [5] |
| 5268 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [6] |
| 5270 | FLOAT | RD | Wh | Real energy, L3, supplied, rate | [7] |
| 5272 | FLOAT | RD | varh | Reactive energy, L3, rate | [0] |
| 5274 | FLOAT | RD | varh | Reactive energy, L3, rate | [1] |
| 5276 | FLOAT | RD | varh | Reactive energy, L3, rate | [2] |
| 5278 | FLOAT | RD | varh | Reactive energy, L3, rate | [3] |
| 5280 | FLOAT | RD | varh | Reactive energy, L3, rate | [4] |
| 5282 | FLOAT | RD | varh | Reactive energy, L3, rate | [5] |
| 5284 | FLOAT | RD | varh | Reactive energy, L3, rate | [6] |
| 5286 | FLOAT | RD | varh | Reactive energy, L3, rate | [7] |
| 5288 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [0] |
| 5290 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [1] |
| 5292 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [2] |
| 5294 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [3] |
| 5296 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [4] |
| 5298 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [5] |
| 5300 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [6] |
| 5302 | FLOAT | RD | varh | Reactive energy, L3, ind., rate | [7] |
| 5304 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [0] |
| 5306 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [1] |
| 5308 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [2] |
| 5310 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [3] |
| 5312 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [4] |
| 5314 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [5] |
| 5316 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [6] |
| 5318 | FLOAT | RD | varh | Reactive energy, L3, cap., rate | [7] |
| 5320 | FLOAT | RD | VAh | Apparent energy, L3, rate | [0] |
| 5322 | FLOAT | RD | VAh | Apparent energy, L3, rate | [1] |
| 5324 | FLOAT | RD | VAh | Apparent energy, L3, rate | [2] |
| 5326 | FLOAT | RD | VAh | Apparent energy, L3, rate | [3] |
| 5328 | FLOAT | RD | VAh | Apparent energy, L3, rate | [4] |
| 5330 | FLOAT | RD | VAh | Apparent energy, L3, rate | [5] |
| 5332 | FLOAT | RD | VAh | Apparent energy, L3, rate | [6] |
| 5334 | FLOAT | RD | VAh | Apparent energy, L3, rate | [7] |
| 5336 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [0] |
| 5338 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [1] |
| 5340 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [2] |
| 5342 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [3] |
| 5344 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [4] |
| 5346 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [5] |
| 5348 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [6] |
| 5350 | FLOAT | RD | Wh | Real energy, sum. L1..L3, rate | [7] |
| 5352 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [0] |
| 5354 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [1] |
| 5356 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [2] |
| 5358 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [3] |
| 5360 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [4] |
| 5362 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [5] |
| 5364 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [6] |
| 5366 | FLOAT | RD | Wh | Real energy, sum. L1..L3, obtained, rate | [7] |
| 5368 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [0] |
| 5370 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [1] |
| 5372 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [2] |
| 5374 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [3] |
| 5376 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [4] |
| 5378 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [5] |
| 5380 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [6] |
| 5382 | FLOAT | RD | Wh | Real energy, sum. L1..L3, supplied, rate | [7] |
| 5384 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [0] |
| 5386 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [1] |
| 5388 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [2] |
| 5390 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [3] |
| 5392 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [4] |
| 5394 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [5] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 5396 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [6] |
| 5398 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, rate | [7] |
| 5400 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [0] |
| 5402 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [1] |
| 5404 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [2] |
| 5406 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [3] |
| 5408 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [4] |
| 5410 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [5] |
| 5412 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [6] |
| 5414 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, ind., rate | [7] |
| 5416 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [0] |
| 5418 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [1] |
| 5420 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [2] |
| 5422 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [3] |
| 5424 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [4] |
| 5426 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [5] |
| 5428 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [6] |
| 5430 | FLOAT | RD | varh | Reactive energy, sum. L1..L3, cap., rate | [7] |
| 5432 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [0] |
| 5434 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [1] |
| 5436 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [2] |
| 5438 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [3] |
| 5440 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [4] |
| 5442 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [5] |
| 5444 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [6] |
| 5446 | FLOAT | RD | VAh | Apparent energy, sum. L1..L3, rate | [7] |
| 11475 | FLOAT | RD/WR | VAh | Apparent energy, month high, jan., even year | |
| 11477 | FLOAT | RD/WR | VAh | Apparent energy, month high, feb., even year | |
| 11479 | FLOAT | RD/WR | VAh | Apparent energy, month high, march, even year | |
| 11481 | FLOAT | RD/WR | VAh | Apparent energy, month high, april, even year | |
| 11483 | FLOAT | RD/WR | VAh | Apparent energy, month high, may, even year | |
| 11485 | FLOAT | RD/WR | VAh | Apparent energy, month high, june, even year | |
| 11487 | FLOAT | RD/WR | VAh | Apparent energy, month high, july, even year | |
| 11489 | FLOAT | RD/WR | VAh | Apparent energy, month high, aug., even year | |
| 11491 | FLOAT | RD/WR | VAh | Apparent energy, month high, sep., even year | |
| 11493 | FLOAT | RD/WR | VAh | Apparent energy, month high, oct., even year | |
| 11495 | FLOAT | RD/WR | VAh | Apparent energy, month high, nov., even year | |
| 11497 | FLOAT | RD/WR | VAh | Apparent energy, month high, dec., even year | |
| 11499 | FLOAT | RD/WR | VAh | Apparent energy, month high, jan., uneven year | |
| 11501 | FLOAT | RD/WR | VAh | Apparent energy, month high, feb., uneven year | |
| 11503 | FLOAT | RD/WR | VAh | Apparent energy, month high, march, uneven year | |
| 11505 | FLOAT | RD/WR | VAh | Apparent energy, month high, april, uneven year | |
| 11507 | FLOAT | RD/WR | VAh | Apparent energy, month high, may, uneven year | |
| 11509 | FLOAT | RD/WR | VAh | Apparent energy, month high, june, uneven year | |
| 11511 | FLOAT | RD/WR | VAh | Apparent energy, month high, july, uneven year | |
| 11513 | FLOAT | RD/WR | VAh | Apparent energy, month high, aug., uneven year | |
| 11515 | FLOAT | RD/WR | VAh | Apparent energy, month high, sep., uneven year | |
| 11517 | FLOAT | RD/WR | VAh | Apparent energy, month high, oct., uneven year | |
| 11519 | FLOAT | RD/WR | VAh | Apparent energy, month high, nov., uneven year | |
| 11521 | FLOAT | RD/WR | VAh | Apparent energy, month high, dec., uneven year | |
| 11523 | FLOAT | RD/WR | Wh | Real energy, month high, jan., even year | |
| 11525 | FLOAT | RD/WR | Wh | Real energy, month high, feb., even year | |
| 11527 | FLOAT | RD/WR | Wh | Real energy, month high, march, even year | |
| 11529 | FLOAT | RD/WR | Wh | Real energy, month high, april, even year | |
| 11531 | FLOAT | RD/WR | Wh | Real energy, month high, may, even year | |
| 11533 | FLOAT | RD/WR | Wh | Real energy, month high, june, even year | |
| 11535 | FLOAT | RD/WR | Wh | Real energy, month high, july, even year | |
| 11537 | FLOAT | RD/WR | Wh | Real energy, month high, aug., even year | |
| 11539 | FLOAT | RD/WR | Wh | Real energy, month high, sep., even year | |
| 11541 | FLOAT | RD/WR | Wh | Real energy, month high, oct., even year | |
| 11543 | FLOAT | RD/WR | Wh | Real energy, month high, nov., even year | |
| 11545 | FLOAT | RD/WR | Wh | Real energy, month high, dec., even year | |
| 11547 | FLOAT | RD/WR | Wh | Real energy, month high, jan., uneven year | |
| 11549 | FLOAT | RD/WR | Wh | Real energy, month high, feb., uneven year | |
| 11551 | FLOAT | RD/WR | Wh | Real energy, month high, march, uneven year | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 11553 | FLOAT | RD/WR | Wh | Real energy, month high, april, uneven year | |
| 11555 | FLOAT | RD/WR | Wh | Real energy, month high, may, uneven year | |
| 11557 | FLOAT | RD/WR | Wh | Real energy, month high, june, uneven year | |
| 11559 | FLOAT | RD/WR | Wh | Real energy, month high, july, uneven year | |
| 11561 | FLOAT | RD/WR | Wh | Real energy, month high, aug., uneven year | |
| 11563 | FLOAT | RD/WR | Wh | Real energy, month high, sep., uneven year | |
| 11565 | FLOAT | RD/WR | Wh | Real energy, month high, oct., uneven year | |
| 11567 | FLOAT | RD/WR | Wh | Real energy, month high, nov., uneven year | |
| 11569 | FLOAT | RD/WR | Wh | Real energy, month high, dec., uneven year | |
| 11571 | FLOAT | RD/WR | varh | Reactive energy, month high, jan., even year | |
| 11573 | FLOAT | RD/WR | varh | Reactive energy, month high, feb., even year | |
| 11575 | FLOAT | RD/WR | varh | Reactive energy, month high, march, even year | |
| 11577 | FLOAT | RD/WR | varh | Reactive energy, month high, april, even year | |
| 11579 | FLOAT | RD/WR | varh | Reactive energy, month high, may, even year | |
| 11581 | FLOAT | RD/WR | varh | Reactive energy, month high, june, even year | |
| 11583 | FLOAT | RD/WR | varh | Reactive energy, month high, july, even year | |
| 11585 | FLOAT | RD/WR | varh | Reactive energy, month high, aug., even year | |
| 11587 | FLOAT | RD/WR | varh | Reactive energy, month high, sep., even year | |
| 11589 | FLOAT | RD/WR | varh | Reactive energy, month high, oct., even year | |
| 11591 | FLOAT | RD/WR | varh | Reactive energy, month high, nov., even year | |
| 11593 | FLOAT | RD/WR | varh | Reactive energy, month high, dec., even year | |
| 11595 | FLOAT | RD/WR | varh | Reactive energy, month high, jan., uneven year | |
| 11597 | FLOAT | RD/WR | varh | Reactive energy, month high, feb., even year | |
| 11599 | FLOAT | RD/WR | varh | Reactive energy, month high, march, even year | |
| 11601 | FLOAT | RD/WR | varh | Reactive energy, month high, april, even year | |
| 11603 | FLOAT | RD/WR | varh | Reactive energy, month high, may, even year | |
| 11605 | FLOAT | RD/WR | varh | Reactive energy, month high, june, even year | |
| 11607 | FLOAT | RD/WR | varh | Reactive energy, month high, july, even year | |
| 11609 | FLOAT | RD/WR | varh | Reactive energy, month high, aug, even year | |
| 11611 | FLOAT | RD/WR | varh | Reactive energy, month high, sep., even year | |
| 11613 | FLOAT | RD/WR | varh | Reactive energy, month high, oct., even year | |
| 11615 | FLOAT | RD/WR | varh | Reactive energy, month high, nov., even year | |
| 11617 | FLOAT | RD/WR | varh | Reactive energy, month high, dec., even year | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------|-------|
|---------|--------|-------|------|------|-------|

Peak indicator (drag indicator)

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 5974 | FLOAT | RD | | Current I L1; highest value | |
| 5976 | FLOAT | RD | | Current I L2; highest value | |
| 5978 | FLOAT | RD | | Current I L3; highest value | |
| 5986 | FLOAT | RD | | Apparent power S1 L1N; highest value | |
| 5988 | FLOAT | RD | | Apparent power S2 L2N; highest value | |
| 5990 | FLOAT | RD | | Apparent power S3 L3N; highest value | |
| 5992 | FLOAT | RD | | Apparent power; Sum; Ssum3=S1+S2+S3; highest value | |
| 6002 | FLOAT | RD | | Real power P1 L1N (positiv); highest value | |
| 6004 | FLOAT | RD | | Real power P2 L2N (positiv); highest value | |
| 6006 | FLOAT | RD | | Real power P3 L3N (positiv); highest value | |
| 6008 | FLOAT | RD | | Real power (positiv); Sum; Psum3=P1+P2+P3; highest value | |
| 6018 | FLOAT | RD | | Real power P1 L1N (negative); highest value | |
| 6020 | FLOAT | RD | | Real power P2 L2N (negative); highest value | |
| 6022 | FLOAT | RD | | Real power P3 L3N (negative); highest value | |
| 6024 | FLOAT | RD | | Real power (negative) Sum; Psum3=P1+P2+P3; highest value | |
| 6034 | FLOAT | RD | | Current I L1; second highest value | |
| 6036 | FLOAT | RD | | Current I L2; second highest value | |
| 6038 | FLOAT | RD | | Current I L3; second highest value | |
| 6046 | FLOAT | RD | | Apparent power S1 L1N; second highest value | |
| 6048 | FLOAT | RD | | Apparent power S2 L2N; second highest value | |
| 6050 | FLOAT | RD | | Apparent power S3 L3N; second highest value | |
| 6052 | FLOAT | RD | | Apparent power; Sum; Ssum3=S1+S2+S3; second highest value | |
| 6062 | FLOAT | RD | | Real power P1 L1N (positiv); second highest value | |
| 6064 | FLOAT | RD | | Real power P2 L2N (positiv); second highest value | |
| 6066 | FLOAT | RD | | Real power P3 L3N (positiv); second highest value | |
| 6068 | FLOAT | RD | | Real power (positiv); Sum; Psum3=P1+P2+P3; second highest value | |
| 6078 | FLOAT | RD | | Real power P1 L1N (negative); second highest value | |
| 6080 | FLOAT | RD | | Real power P2 L2N (negative); second highest value | |
| 6082 | FLOAT | RD | | Real power P3 L3N (negative); second highest value | |
| 6084 | FLOAT | RD | | Real power (negative) Sum; Psum3=P1+P2+P3; second highest value | |
| 6094 | FLOAT | RD | | Current I L1; third highest value | |
| 6096 | FLOAT | RD | | Current I L2; third highest value | |
| 6098 | FLOAT | RD | | Current I L3; third highest value | |
| 6106 | FLOAT | RD | | Apparent power S1 L1N; third highest value | |
| 6108 | FLOAT | RD | | Apparent power S2 L2N; third highest value | |
| 6110 | FLOAT | RD | | Apparent power S3 L3N; third highest value | |
| 6112 | FLOAT | RD | | Apparent power; Sum; Ssum3=S1+S2+S3; third highest value | |
| 6122 | FLOAT | RD | | Real power P1 L1N (positiv); third highest value | |
| 6124 | FLOAT | RD | | Real power P2 L2N (positiv); third highest value | |
| 6126 | FLOAT | RD | | Real power P3 L3N (positiv); third highest value | |
| 6128 | FLOAT | RD | | Real power (positiv); Sum; Psum3=P1+P2+P3; third highest value | |
| 6138 | FLOAT | RD | | Real power P1 L1N (negative); third highest value | |
| 6140 | FLOAT | RD | | Real power P2 L2N (negative); third highest value | |
| 6142 | FLOAT | RD | | Real power P3 L3N (negative); third highest value | |
| 6144 | FLOAT | RD | | Real power (negative) Sum; Psum3=P1+P2+P3; third highest value | |
| 5980 | UINT | RD | | Time of Current I L1; highest value | |
| 5982 | UINT | RD | | Time of Current I L2; highest value | |
| 5984 | UINT | RD | | Time of Current I L3; highest value | |
| 5994 | UINT | RD | | Time of Apparent power S1 L1N; highest value | |
| 5996 | UINT | RD | | Time of Apparent power S2 L2N; highest value | |
| 5998 | UINT | RD | | Time of Apparent power S3 L3N; highest value | |
| 6000 | UINT | RD | | Time of Apparent power; Sum; Ssum3=S1+S2+S3; highest value | |
| 6010 | UINT | RD | | Time of Real power P1 L1N (positiv); highest value | |
| 6012 | UINT | RD | | Time of Real power P2 L2N (positiv); highest value | |
| 6014 | UINT | RD | | Time of Real power P3 L3N (positiv); highest value | |
| 6016 | UINT | RD | | Time of Real power (positiv); Sum; Psum3=P1+P2+P3; highest value | |
| 6026 | UINT | RD | | Time of Real power P1 L1N (negative); highest value | |
| 6028 | UINT | RD | | Time of Real power P2 L2N (negative); highest value | |
| 6030 | UINT | RD | | Time of Real power P3 L3N (negative); highest value | |
| 6032 | UINT | RD | | Time of Real power (negative) Sum; Psum3=P1+P2+P3; highest value | |
| 6040 | UINT | RD | | Time of Current I L1; second highest value | |
| 6042 | UINT | RD | | Time of Current I L2; second highest value | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 6044 | UINT | RD | | Time of Current I L3; second highest value | |
| 6054 | UINT | RD | | Time of Apparent power S1 L1N; second highest value | |
| 6056 | UINT | RD | | Time of Apparent power S2 L2N; second highest value | |
| 6058 | UINT | RD | | Time of Apparent power S3 L3N; second highest value | |
| 6060 | UINT | RD | | Time of Apparent power; Sum; Ssum3=S1+S2+S3; second highest value | |
| 6070 | UINT | RD | | Time of Real power P1 L1N (positiv); second highest value | |
| 6072 | UINT | RD | | Time of Real power P2 L2N (positiv); second highest value | |
| 6074 | UINT | RD | | Time of Real power P3 L3N (positiv); second highest value | |
| 6076 | UINT | RD | | Time of Real power (positiv); Sum; Psum3=P1+P2+P3; second highest value | |
| 6086 | UINT | RD | | Time of Real power P1 L1N (negative); second highest value | |
| 6088 | UINT | RD | | Time of Real power P2 L2N (negative); second highest value | |
| 6090 | UINT | RD | | Time of Real power P3 L3N (negative); second highest value | |
| 6092 | UINT | RD | | Time of Real power (negative) Sum; Psum3=P1+P2+P3; second highest value | |
| 6100 | UINT | RD | | Time of Current I L1; third highest value | |
| 6102 | UINT | RD | | Time of Current I L2; third highest value | |
| 6104 | UINT | RD | | Time of Current I L3; third highest value | |
| 6114 | UINT | RD | | Time of Apparent power S1 L1N; third highest value | |
| 6116 | UINT | RD | | Time of Apparent power S2 L2N; third highest value | |
| 6118 | UINT | RD | | Time of Apparent power S3 L3N; third highest value | |
| 6120 | UINT | RD | | Time of Apparent power; Sum; Ssum3=S1+S2+S3; third highest value | |
| 6130 | UINT | RD | | Time of Real power P1 L1N (positiv); third highest value | |
| 6132 | UINT | RD | | Time of Real power P2 L2N (positiv); third highest value | |
| 6134 | UINT | RD | | Time of Real power P3 L3N (positiv); third highest value | |
| 6136 | UINT | RD | | Time of Real power (positiv); Sum; Psum3=P1+P2+P3; third highest value | |
| 6146 | UINT | RD | | Time of Real power P1 L1N (negative); third highest value | |
| 6148 | UINT | RD | | Time of Real power P2 L2N (negative); third highest value | |
| 6150 | UINT | RD | | Time of Real power P3 L3N (negative); third highest value | |
| 6152 | UINT | RD | | Time of Real power (negative) Sum; Psum3=P1+P2+P3; third highest value | |

Other values

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 11623 | SHORT | | | I5: residual current transformer connection (AC only) 0 = no error, 1 = connection error | |
| 11624 | SHORT | | | I6: residual current transformer connection (AC only) 0 = no error, 1 = connection error | |
| 20000 | SHORT | | | Calib key | |
| 20006 | FLOAT | | A | TDD full load current L4 | |
| 20981 | SHORT | | s | _COMP_DIFF_TYPE0 | |
| 20982 | SHORT | | s | _COMP_DIFF_REF_ADDR0 | |
| 20983 | FLOAT | | s | _COMP_DIFF_PER_DEV0 | |
| 20985 | SHORT | | s | _COMP_DIFF_DEV_CNT0 | |
| 20986 | FLOAT | | s | _COMP_DIFF_CUR_PER0 | |
| 20988 | FLOAT | | s | _COMP_DIFF_CUR_OFFSET0 | |
| 20990 | FLOAT | | s | _COMP_DIFF_TOLERANCE0 | |
| 20992 | FLOAT | | s | _COMP_DIFF_WARNLEVEL0 | |
| 20994 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [0] |
| 20996 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [1] |
| 20998 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [2] |
| 21000 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [3] |
| 21002 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [4] |
| 21004 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [5] |
| 21006 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [6] |
| 21008 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [7] |
| 21010 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [8] |
| 21012 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | [9] |
| 21014 | FLOAT | | s | _COMP_DIFF_STEPS0 | [0] |
| 21016 | FLOAT | | s | _COMP_DIFF_STEPS0 | [1] |
| 21018 | FLOAT | | s | _COMP_DIFF_STEPS0 | [2] |
| 21020 | FLOAT | | s | _COMP_DIFF_STEPS0 | [3] |
| 21022 | FLOAT | | s | _COMP_DIFF_STEPS0 | [4] |
| 21024 | FLOAT | | s | _COMP_DIFF_STEPS0 | [5] |
| 21026 | FLOAT | | s | _COMP_DIFF_STEPS0 | [6] |
| 21028 | FLOAT | | s | _COMP_DIFF_STEPS0 | [7] |
| 21030 | FLOAT | | s | _COMP_DIFF_STEPS0 | [8] |
| 21032 | FLOAT | | s | _COMP_DIFF_STEPS0 | [9] |
| 21034 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD0 | |
| 21036 | FLOAT | | s | _COMP_DIFF_MIN_TIME0 | |
| 21038 | SHORT | | s | _COMP_DIFF_TYPE1 | |
| 21039 | SHORT | | s | _COMP_DIFF_REF_ADDR1 | |
| 21040 | FLOAT | | s | _COMP_DIFF_PER_DEV1 | |
| 21042 | SHORT | | s | _COMP_DIFF_DEV_CNT1 | |
| 21043 | FLOAT | | s | _COMP_DIFF_CUR_PER1 | |
| 21045 | FLOAT | | s | _COMP_DIFF_CUR_OFFSET1 | |
| 21047 | FLOAT | | s | _COMP_DIFF_TOLERANCE1 | |
| 21049 | FLOAT | | s | _COMP_DIFF_WARNLEVEL1 | |
| 21051 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [0] |
| 21053 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [1] |
| 21055 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [2] |
| 21057 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [3] |
| 21059 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [4] |
| 21061 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [5] |
| 21063 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [6] |
| 21065 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [7] |
| 21067 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [8] |
| 21069 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | [9] |
| 21071 | FLOAT | | s | _COMP_DIFF_STEPS1 | [0] |
| 21073 | FLOAT | | s | _COMP_DIFF_STEPS1 | [1] |
| 21075 | FLOAT | | s | _COMP_DIFF_STEPS1 | [2] |
| 21077 | FLOAT | | s | _COMP_DIFF_STEPS1 | [3] |
| 21079 | FLOAT | | s | _COMP_DIFF_STEPS1 | [4] |
| 21081 | FLOAT | | s | _COMP_DIFF_STEPS1 | [5] |
| 21083 | FLOAT | | s | _COMP_DIFF_STEPS1 | [6] |
| 21085 | FLOAT | | s | _COMP_DIFF_STEPS1 | [7] |
| 21087 | FLOAT | | s | _COMP_DIFF_STEPS1 | [8] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------------------------------------|
| 21089 | FLOAT | | s | _COMP_DIFF_STEPS1 | [9] |
| 21091 | FLOAT | | s | _COMP_DIFF_CUR_THRESHOLD1 | |
| 21093 | FLOAT | | s | _COMP_DIFF_MIN_TIME1 | |
| 21095 | SHORT | | | _COMP_DIFF_STATUS0 Alarm status for I5 with: Bit 0 = 1: Warning Bit 1 = 1: Overcurrent Bit 2 = 1: Alarm Bit 3 = 1: CT not connected | |
| 21096 | SHORT | | | _COMP_DIFF_STATUS1 Alarm status for I6 with: Bit 0 = 1: Warning Bit 1 = 1: Overcurrent Bit 2 = 1: Alarm Bit 3 = 1: CT not connected | |
| 21097 | FLOAT | | s | _COMP_DIFF_RUN_TIME0 (overcurrent duration diff0) | |
| 21099 | FLOAT | | s | _COMP_DIFF_RUN_TIME1 (overcurrent duration diff0) | |
| 21101 | FLOAT | | s | _COMP_DIFF_LIMIT0 (Real Threshold Diff 0) | |
| 21103 | FLOAT | | s | _COMP_DIFF_LIMIT1 (Real Threshold Diff 1) | |
| 21105 | SHORT | | s | _EVENT_COMP_EXCEED_TIME (Minimal event time before signaling) | |
| 21106 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [0] |
| 21108 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [1] |
| 21110 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [2] |
| 21112 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [3] |
| 21114 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [4] |
| 21116 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [5] |
| 21118 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [6] |
| 21120 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [7] |
| 21122 | FLOAT | | | Upper limit event comparators (U1-U3,I1-I4,Diff1/2) | [8] |
| 21124 | FLOAT | | | Lower limit event comparators (U1-U3) | [0] |
| 21126 | FLOAT | | | Lower limit event comparators (U1-U3) | [1] |
| 21128 | FLOAT | | | Lower limit event comparators (U1-U3) | [2] |
| 21130 | INT | | | Bitwise event comparator output | |
| 21196 | INT | | | 1 = Delete all recordings | |
| 21198 | custom | | | Read recordings (func 23) | |
| 21200 | INT | | | 1 = Delete all event recordings | |
| 21202 | custom | | | Read events (func 23) | |
| 21204 | SHORT | | | _RTC_STATUS | |
| 21205 | SHORT | | | Release | |
| 21213 | DOUBLE | | ms | _DATA_STIME | |
| 21217 | DOUBLE | | ms | _DATA_ETIME | |
| 21245 | SHORT | | | Select type of differential input measurement | [0] |
| 21246 | SHORT | | | Select type of differential input measurement | [1] |
| 21247 | SHORT | | v | Differential input gain: 0(5), 1(22), 2(52), 3(64) | [0] |
| 21248 | SHORT | | v | Differential input gain: 0(5), 1(22), 2(52), 3(64) | [1] |
| 21249 | SHORT | | | Thermoelement configuration | |
| 21250 | SHORT | | | Thermoelement configuration | |
| 21251 | SHORT | | | Key1 | |
| 21252 | SHORT | | | Key2 | |
| 21253 | LONG64 | | | Realtime (2ns) | |
| 21257 | SHORT | | | Boot release | |
| 21258 | FLOAT | | | Offset for thermoelement measurements 1 | |
| 21260 | FLOAT | | | Offset for thermoelement measurements 2 | |
| 21262 | USHORT | | | _BASE_RELEASE | Firmware release of the basic board |
| 25418 | SHORT | | | _RESET | |
| 25500 | STRING | | | _DEV_NAME | |
| 25532 | STRING | | | _DEV_DESC | |
| 25596 | INT | | | System Uptime | |
| 25598 | FLOAT | | | SNMP User Variables 0 | |
| 25600 | FLOAT | | | SNMP User Variables 1 | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 25602 | FLOAT | | | SNMP User Variables 2 | |
| 25604 | FLOAT | | | SNMP User Variables 3 | |
| 25606 | FLOAT | | | SNMP User Variables 4 | |
| 25608 | FLOAT | | | SNMP User Variables 5 | |
| 25610 | FLOAT | | | SNMP User Variables 6 | |
| 25612 | FLOAT | | | SNMP User Variables 7 | |
| 25614 | FLOAT | | | SNMP User Variables 8 | |
| 25616 | FLOAT | | | SNMP User Variables 9 | |
| 25618 | FLOAT | | | SNMP User Variables 10 | |
| 25620 | FLOAT | | | SNMP User Variables 11 | |
| 25622 | FLOAT | | | SNMP User Variables 12 | |
| 25624 | FLOAT | | | SNMP User Variables 13 | |
| 25626 | FLOAT | | | SNMP User Variables 14 | |
| 25628 | FLOAT | | | SNMP User Variables 15 | |
| 25630 | STRING | | 32 | UMG Hostname | |
| 25646 | STRING | | 32 | Device ip address (change restarts system) | |
| 25662 | STRING | | 32 | Device netmask (change restarts system) | |
| 25678 | STRING | | 32 | Device gateway ip address (change restarts system) | |
| 25694 | STRING | | 32 | Update address for boodloader | |
| 25710 | STRING | | 18 | Update ethernet address | |
| 25719 | INT | | | Set device to dhcp network config (change restarts system) (0,1) | |
| 25721 | STRING | | 16 | Device DNS server IP | |
| 25729 | BYTE | | | Listen to NTP broadcast (1/0) | |
| 25730 | STRING | | 32 | NTP Server 1 | |
| 25746 | STRING | | 32 | NTP Server 2 | |
| 25762 | STRING | | 32 | NTP Server 3 | |
| 25778 | STRING | | 32 | NTP Server 4 | |
| 25794 | STRING | | 32 | NTP Server 5 | |
| 25810 | STRING | | 32 | NTP Server 6 | |
| 25826 | STRING | | 32 | NTP Server 7 | |
| 25842 | STRING | | 32 | NTP Server 8 | |
| 25860 | INT | | | SNMP Trap server ip | |
| 25862 | INT | | | BACNet instance | |
| 25864 | INT | | s | BACNet send i am time | |
| 25866 | STRING | | 16 | Language | |
| 25874 | INT | | | Serial-Nr. | |
| 25876 | STRING | | 128 | SMTP Mailserver address | |
| 25940 | SHORT | | | SMTP Mailserver port | |
| 25941 | INT | | | SMTP Mailserver authorization mode: 0=none, 1=plain, 2=login, 3=cram-md5 | |
| 25943 | STRING | | 128 | SMTP Mailserver user | |
| 26007 | STRING | | 128 | SMTP Mailserver pass | |
| 26071 | STRING | | 48 | Mail_from Adress | |
| 26095 | STRING | | 256 | Mail_to Adress(es) | |
| 26223 | STRING | | 256 | Mail error STRING | |
| 26351 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26352 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26353 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26354 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26355 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26356 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26357 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26358 | SHORT | | | Enable Mail for event (0-4=Comparator1-5, 5=Undervoltage, 6=Overvoltage, 7=Overcurrent) | |
| 26359 | STRING | | 128 | Mail subject for Comparator 1 output | |
| 26423 | STRING | | 128 | Mail subject for Comparator 2 output | |
| 26487 | STRING | | 128 | Mail subject for Comparator 3 output | |
| 26551 | STRING | | 128 | Mail subject for Comparator 4 output | |
| 26615 | STRING | | 128 | Mail subject for Comparator 5 output | |
| 26679 | STRING | | 128 | Mail subject for undervoltage event | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 26743 | STRING | | 128 | Mail subject for overvoltage event | |
| 26807 | STRING | | 128 | Mail subject for overcurrent event | |
| 26871 | STRING | | 400 | Mail text for Comparator 1 output | |
| 27071 | STRING | | 400 | Mail text for Comparator 2 output | |
| 27271 | STRING | | 400 | Mail text for Comparator 3 output | |
| 27471 | STRING | | 400 | Mail text for Comparator 4 output | |
| 27671 | STRING | | 400 | Mail text for Comparator 5 output | |
| 27871 | STRING | | 400 | Mail text for undervoltage event | |
| 28071 | STRING | | 400 | Mail text for overvoltage event | |
| 28271 | STRING | | 400 | Mail text for overcurrent event | |
| 28471 | INT | | | IP of Bacnet Broadcast Management device (BBMD) for foreign device registration | |
| 28473 | SHORT | | | Port of Bacnet Broadcast Management device (BBMD) for foreign device registration | |
| 28474 | LONG64 | | | Ethernet address (uLONG) | |
| 28478 | SHORT | | | BACnet network number for vnet. Set to 0 to reset to unique value. | |
| 28479 | SHORT | | | BACnet network number for vnet. Set to 0 to reset to unique value. | |
| 29000 | CUSTOM | | | Update for device module | |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|--------------------------|---------|
| 10259 | INT | RD | s | Total running time, comparator F, comparator group 2 (integer) | | |
| 10261 | INT | RD | s | Total running time, comparator G, comparator group 2 (integer) | | |
| 10263 | INT | RD | s | Total running time, comparator H, comparator group 2 (integer) | | |
| 10265 | INT | RD | s | Total running time, comparator I, comparator group 2 (integer) | | |
| 10267 | INT | RD | s | Total running time, comparator J, comparator group 2 (integer) | | |
| 10269 | INT | RD | s | Total running time, comparator A, comparator group 3 (integer) | | |
| 10271 | INT | RD | s | Total running time, comparator B, comparator group 3 (integer) | | |
| 10273 | INT | RD | s | Total running time, comparator C, comparator group 3 (integer) | | |
| 10275 | INT | RD | s | Total running time, comparator D, comparator group 3 (integer) | | |
| 10277 | INT | RD | s | Total running time, comparator E, comparator group 3 (integer) | | |
| 10279 | INT | RD | s | Total running time, comparator F, comparator group 3 (integer) | | |
| 10281 | INT | RD | s | Total running time, comparator G, comparator group 3 (integer) | | |
| 10283 | INT | RD | s | Total running time, comparator H, comparator group 3 (integer) | | |
| 10285 | INT | RD | s | Total running time, comparator I, comparator group 3 (integer) | | |
| 10287 | INT | RD | s | Total running time, comparator J, comparator group 3 (integer) | | |
| 10289 | INT | RD | s | Total running time, comparator A, comparator group 4 (integer) | | |
| 10291 | INT | RD | s | Total running time, comparator B, comparator group 4 (integer) | | |
| 10293 | INT | RD | s | Total running time, comparator C, comparator group 4 (integer) | | |
| 10295 | INT | RD | s | Total running time, comparator D, comparator group 4 (integer) | | |
| 10297 | INT | RD | s | Total running time, comparator E, comparator group 4 (integer) | | |
| 10299 | INT | RD | s | Total running time, comparator F, comparator group 4 (integer) | | |
| 10301 | INT | RD | s | Total running time, comparator G, comparator group 4 (integer) | | |
| 10303 | INT | RD | s | Total running time, comparator H, comparator group 4 (integer) | | |
| 10305 | INT | RD | s | Total running time, comparator I, comparator group 4 (integer) | | |
| 10307 | INT | RD | s | Total running time, comparator J, comparator group 4 (integer) | | |
| 10309 | INT | RD | s | Total running time, comparator A, comparator group 5 (integer) | | |
| 10311 | INT | RD | s | Total running time, comparator B, comparator group 5 (integer) | | |
| 10313 | INT | RD | s | Total running time, comparator C, comparator group 5 (integer) | | |
| 10315 | INT | RD | s | Total running time, comparator D, comparator group 5 (integer) | | |
| 10317 | INT | RD | s | Total running time, comparator E, comparator group 5 (integer) | | |
| 10319 | INT | RD | s | Total running time, comparator F, comparator group 5 (integer) | | |
| 10321 | INT | RD | s | Total running time, comparator G, comparator group 5 (integer) | | |
| 10323 | INT | RD | s | Total running time, comparator H, comparator group 5 (integer) | | |
| 10325 | INT | RD | s | Total running time, comparator I, comparator group 5 (integer) | | |
| 10327 | INT | RD | s | Total running time, comparator J, comparator group 5 (integer) | | |
| 20711 | SHORT | RD/WR | s | Min exceed time comparator 1 | 0 .. 32000 | 0 |
| 20712 | SHORT | RD/WR | s | Min set time comparator 1 | 0 .. 32000 | 0 |
| 20713 | SHORT | RD/WR | | Results of the comparator group 1 Combine A...J (0=OR, 1=AND) | 0,1 | 0 |
| 20714 | FLOAT | RD/WR | | Comparator 1A, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20716 | FLOAT | RD/WR | | Comparator 1B, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20718 | FLOAT | RD/WR | | Comparator 1C, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20720 | FLOAT | RD/WR | | Comparator 1D, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20722 | FLOAT | RD/WR | | Comparator 1E, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20724 | FLOAT | RD/WR | | Comparator 1F, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20726 | FLOAT | RD/WR | | Comparator 1G, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20728 | FLOAT | RD/WR | | Comparator 1H, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20730 | FLOAT | RD/WR | | Comparator 1I, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20732 | FLOAT | RD/WR | | Comparator 1J, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20734 | SHORT | RD/WR | | Comparator 1A, address of measurement value | 0 .. 32000 | 0 |
| 20735 | SHORT | RD/WR | | Comparator 1B, address of measurement value | 0 .. 32000 | 0 |
| 20736 | SHORT | RD/WR | | Comparator 1C, address of measurement value | 0 .. 32000 | 0 |
| 20737 | SHORT | RD/WR | | Comparator 1D, address of measurement value | 0 .. 32000 | 0 |
| 20738 | SHORT | RD/WR | | Comparator 1E, address of measurement value | 0 .. 32000 | 0 |
| 20739 | SHORT | RD/WR | | Comparator 1F, address of measurement value | 0 .. 32000 | 0 |
| 20740 | SHORT | RD/WR | | Comparator 1G, address of measurement value | 0 .. 32000 | 0 |
| 20741 | SHORT | RD/WR | | Comparator 1H, address of measurement value | 0 .. 32000 | 0 |
| 20742 | SHORT | RD/WR | | Comparator 1I, address of measurement value | 0 .. 32000 | 0 |
| 20743 | SHORT | RD/WR | | Comparator 1J, address of measurement value | 0 .. 32000 | 0 |
| 20744 | SHORT | RD/WR | | Comparator 1A, inverted | 0, 1 | 0 |
| 20745 | SHORT | RD/WR | | Comparator 1B, inverted | 0, 1 | 0 |
| 20746 | SHORT | RD/WR | | Comparator 1C, inverted | 0, 1 | 0 |
| 20747 | SHORT | RD/WR | | Comparator 1D, inverted | 0, 1 | 0 |
| 20748 | SHORT | RD/WR | | Comparator 1E, inverted | 0, 1 | 0 |
| 20749 | SHORT | RD/WR | | Comparator 1F, inverted | 0, 1 | 0 |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|--------------------------|---------|
| 20750 | SHORT | RD/WR | | Comparator 1G, inverted | 0, 1 | 0 |
| 20751 | SHORT | RD/WR | | Comparator 1H, inverted | 0, 1 | 0 |
| 20752 | SHORT | RD/WR | | Comparator 1I, inverted | 0, 1 | 0 |
| 20753 | SHORT | RD/WR | | Comparator 1J, inverted | 0, 1 | 0 |
| 20754 | SHORT | RD/WR | s | Min. exceed time comparator 2 | 0 .. 32000 | 0 |
| 20755 | SHORT | RD/WR | s | Min. set time comparator 2 | 0 .. 32000 | 0 |
| 20756 | SHORT | RD/WR | | Results of the comparator group 2 Combine A...J (0=OR, 1=AND) | 0,1 | 0 |
| 20757 | FLOAT | RD/WR | | Comparator 2A, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20759 | FLOAT | RD/WR | | Comparator 2B, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20761 | FLOAT | RD/WR | | Comparator 2C, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20763 | FLOAT | RD/WR | | Comparator 2D, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20765 | FLOAT | RD/WR | | Comparator 2E, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20767 | FLOAT | RD/WR | | Comparator 2F, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20769 | FLOAT | RD/WR | | Comparator 2G, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20771 | FLOAT | RD/WR | | Comparator 2H, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20773 | FLOAT | RD/WR | | Comparator 2I, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20775 | FLOAT | RD/WR | | Comparator 2J, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20777 | SHORT | RD/WR | | Comparator 2A, address of measurement value | 0 .. 32000 | 0 |
| 20778 | SHORT | RD/WR | | Comparator 2B, address of measurement value | 0 .. 32000 | 0 |
| 20779 | SHORT | RD/WR | | Comparator 2C, address of measurement value | 0 .. 32000 | 0 |
| 20780 | SHORT | RD/WR | | Comparator 2D, address of measurement value | 0 .. 32000 | 0 |
| 20781 | SHORT | RD/WR | | Comparator 2E, address of measurement value | 0 .. 32000 | 0 |
| 20782 | SHORT | RD/WR | | Comparator 2F, address of measurement value | 0 .. 32000 | 0 |
| 20783 | SHORT | RD/WR | | Comparator 2G, address of measurement value | 0 .. 32000 | 0 |
| 20784 | SHORT | RD/WR | | Comparator 2H, address of measurement value | 0 .. 32000 | 0 |
| 20785 | SHORT | RD/WR | | Comparator 2I, address of measurement value | 0 .. 32000 | 0 |
| 20786 | SHORT | RD/WR | | Comparator 2J, address of measurement value | 0 .. 32000 | 0 |
| 20787 | SHORT | RD/WR | | Comparator 2A, inverted | 0, 1 | 0 |
| 20788 | SHORT | RD/WR | | Comparator 2B, inverted | 0, 1 | 0 |
| 20789 | SHORT | RD/WR | | Comparator 2C, inverted | 0, 1 | 0 |
| 20790 | SHORT | RD/WR | | Comparator 2D, inverted | 0, 1 | 0 |
| 20791 | SHORT | RD/WR | | Comparator 2E, inverted | 0, 1 | 0 |
| 20792 | SHORT | RD/WR | | Comparator 2F, inverted | 0, 1 | 0 |
| 20793 | SHORT | RD/WR | | Comparator 2G, inverted | 0, 1 | 0 |
| 20794 | SHORT | RD/WR | | Comparator 2H, inverted | 0, 1 | 0 |
| 20795 | SHORT | RD/WR | | Comparator 2I, inverted | 0, 1 | 0 |
| 20796 | SHORT | RD/WR | | Comparator 2J, inverted | 0, 1 | 0 |
| 20797 | SHORT | RD/WR | s | Min. exceed time comparator 3 | 0 .. 32000 | 0 |
| 20798 | SHORT | RD/WR | s | Min. set time comparator 2 | 0 .. 32000 | 0 |
| 20799 | SHORT | RD/WR | | Results of the comparator group 3 Combine A...J (0=OR, 1=AND) | 0,1 | 0 |
| 20800 | FLOAT | RD/WR | | Comparator 3A, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20802 | FLOAT | RD/WR | | Comparator 3B, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20804 | FLOAT | RD/WR | | Comparator 3C, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20806 | FLOAT | RD/WR | | Comparator 3D, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20808 | FLOAT | RD/WR | | Comparator 3E, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20810 | FLOAT | RD/WR | | Comparator 3F, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20812 | FLOAT | RD/WR | | Comparator 3G, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20814 | FLOAT | RD/WR | | Comparator 3H, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20816 | FLOAT | RD/WR | | Comparator 3I, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20818 | FLOAT | RD/WR | | Comparator 3J, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20820 | SHORT | RD/WR | | Comparator 3A, address of measurement value | 0 .. 32000 | 0 |
| 20821 | SHORT | RD/WR | | Comparator 3B, address of measurement value | 0 .. 32000 | 0 |
| 20822 | SHORT | RD/WR | | Comparator 3C, address of measurement value | 0 .. 32000 | 0 |
| 20823 | SHORT | RD/WR | | Comparator 3D, address of measurement value | 0 .. 32000 | 0 |
| 20824 | SHORT | RD/WR | | Comparator 3E, address of measurement value | 0 .. 32000 | 0 |
| 20825 | SHORT | RD/WR | | Comparator 3F, address of measurement value | 0 .. 32000 | 0 |
| 20826 | SHORT | RD/WR | | Comparator 3G, address of measurement value | 0 .. 32000 | 0 |
| 20827 | SHORT | RD/WR | | Comparator 3H, address of measurement value | 0 .. 32000 | 0 |
| 20828 | SHORT | RD/WR | | Comparator 3I, address of measurement value | 0 .. 32000 | 0 |
| 20829 | SHORT | RD/WR | | Comparator 3J, address of measurement value | 0 .. 32000 | 0 |
| 20830 | SHORT | RD/WR | | Comparator 3A, inverted | 0, 1 | 0 |
| 20831 | SHORT | RD/WR | | Comparator 3B, inverted | 0, 1 | 0 |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|--------------------------|---------|
| 20832 | SHORT | RD/WR | | Comparator 3C, inverted | 0, 1 | 0 |
| 20833 | SHORT | RD/WR | | Comparator 3D, inverted | 0, 1 | 0 |
| 20834 | SHORT | RD/WR | | Comparator 3E, inverted | 0, 1 | 0 |
| 20835 | SHORT | RD/WR | | Comparator 3F, inverted | 0, 1 | 0 |
| 20836 | SHORT | RD/WR | | Comparator 3G, inverted | 0, 1 | 0 |
| 20837 | SHORT | RD/WR | | Comparator 3H, inverted | 0, 1 | 0 |
| 20838 | SHORT | RD/WR | | Comparator 3I, inverted | 0, 1 | 0 |
| 20839 | SHORT | RD/WR | | Comparator 3J, inverted | 0, 1 | 0 |
| 20840 | SHORT | RD/WR | s | Min. exceed time comparator 4 | 0 .. 32000 | 0 |
| 20841 | SHORT | RD/WR | s | Min set time comparator 4 | 0 .. 32000 | 0 |
| 20842 | SHORT | RD/WR | | Results of the comparator group 4 Combine A...J (0=OR, 1=AND) | 0,1 | 0 |
| 20843 | FLOAT | RD/WR | | Comparator 4A, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20845 | FLOAT | RD/WR | | Comparator 4B, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20847 | FLOAT | RD/WR | | Comparator 4C, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20849 | FLOAT | RD/WR | | Comparator 4D, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20851 | FLOAT | RD/WR | | Comparator 4E, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20853 | FLOAT | RD/WR | | Comparator 4F, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20855 | FLOAT | RD/WR | | Comparator 4G, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20857 | FLOAT | RD/WR | | Comparator 4H, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20859 | FLOAT | RD/WR | | Comparator 4I, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20861 | FLOAT | RD/WR | | Comparator 4J, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20863 | SHORT | RD/WR | | Comparator 4A, address of measurement value | 0 .. 32000 | 0 |
| 20864 | SHORT | RD/WR | | Comparator 4B, address of measurement value | 0 .. 32000 | 0 |
| 20865 | SHORT | RD/WR | | Comparator 4C, address of measurement value | 0 .. 32000 | 0 |
| 20866 | SHORT | RD/WR | | Comparator 4D, address of measurement value | 0 .. 32000 | 0 |
| 20867 | SHORT | RD/WR | | Comparator 4E, address of measurement value | 0 .. 32000 | 0 |
| 20868 | SHORT | RD/WR | | Comparator 4F, address of measurement value | 0 .. 32000 | 0 |
| 20869 | SHORT | RD/WR | | Comparator 4G, address of measurement value | 0 .. 32000 | 0 |
| 20870 | SHORT | RD/WR | | Comparator 4H, address of measurement value | 0 .. 32000 | 0 |
| 20871 | SHORT | RD/WR | | Comparator 4I, address of measurement value | 0 .. 32000 | 0 |
| 20872 | SHORT | RD/WR | | Comparator 4J, address of measurement value | 0 .. 32000 | 0 |
| 20873 | SHORT | RD/WR | | Comparator 4A, inverted | 0, 1 | 0 |
| 20874 | SHORT | RD/WR | | Comparator 4B, inverted | 0, 1 | 0 |
| 20875 | SHORT | RD/WR | | Comparator 4C, inverted | 0, 1 | 0 |
| 20876 | SHORT | RD/WR | | Comparator 4D, inverted | 0, 1 | 0 |
| 20877 | SHORT | RD/WR | | Comparator 4E, inverted | 0, 1 | 0 |
| 20878 | SHORT | RD/WR | | Comparator 4F, inverted | 0, 1 | 0 |
| 20879 | SHORT | RD/WR | | Comparator 4G, inverted | 0, 1 | 0 |
| 20880 | SHORT | RD/WR | | Comparator 4H, inverted | 0, 1 | 0 |
| 20881 | SHORT | RD/WR | | Comparator 4I, inverted | 0, 1 | 0 |
| 20882 | SHORT | RD/WR | | Comparator 4J, inverted | 0, 1 | 0 |
| 20883 | SHORT | RD/WR | s | Min. exceed time comparator 5 | 0 .. 32000 | 0 |
| 20884 | SHORT | RD/WR | s | Min set time comparator 5 | 0 .. 32000 | 0 |
| 20885 | SHORT | | | Results of the comparator group 5 Combine A...J (0=OR, 1=AND) | 0,1 | 0 |
| 20886 | FLOAT | RD/WR | | Comparator 5A, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20888 | FLOAT | RD/WR | | Comparator 5B, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20890 | FLOAT | RD/WR | | Comparator 5C, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20892 | FLOAT | RD/WR | | Comparator 5D, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20894 | FLOAT | RD/WR | | Comparator 5E, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20896 | FLOAT | RD/WR | | Comparator 5F, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20898 | FLOAT | RD/WR | | Comparator 5G, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20900 | FLOAT | RD/WR | | Comparator 5H, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20902 | FLOAT | RD/WR | | Comparator 5I, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20904 | FLOAT | RD/WR | | Comparator 5J, limit | $-10^{12}-1..+10^{12}-1$ | 0 |
| 20906 | SHORT | RD/WR | | Comparator 5A, address of measurement value | 0 .. 32000 | 0 |
| 20907 | SHORT | RD/WR | | Comparator 5B, address of measurement value | 0 .. 32000 | 0 |
| 20908 | SHORT | RD/WR | | Comparator 5C, address of measurement value | 0 .. 32000 | 0 |
| 20909 | SHORT | RD/WR | | Comparator 5D, address of measurement value | 0 .. 32000 | 0 |
| 20910 | SHORT | RD/WR | | Comparator 5E, address of measurement value | 0 .. 32000 | 0 |
| 20911 | SHORT | RD/WR | | Comparator 5F, address of measurement value | 0 .. 32000 | 0 |
| 20912 | SHORT | RD/WR | | Comparator 5G, address of measurement value | 0 .. 32000 | 0 |
| 20913 | SHORT | RD/WR | | Comparator 5H, address of measurement value | 0 .. 32000 | 0 |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|-----------------|---------|
| 20914 | SHORT | RD/WR | | Comparator 5I, address of measurement value | 0 .. 32000 | 0 |
| 20915 | SHORT | RD/WR | | Comparator 5J, address of measurement value | 0 .. 32000 | 0 |
| 20916 | SHORT | RD/WR | | Comparator 5A, inverted | 0, 1 | 0 |
| 20917 | SHORT | RD/WR | | Comparator 5B, inverted | 0, 1 | 0 |
| 20918 | SHORT | RD/WR | | Comparator 5C, inverted | 0, 1 | 0 |
| 20919 | SHORT | RD/WR | | Comparator 5D, inverted | 0, 1 | 0 |
| 20920 | SHORT | RD/WR | | Comparator 5E, inverted | 0, 1 | 0 |
| 20921 | SHORT | RD/WR | | Comparator 5F, inverted | 0, 1 | 0 |
| 20922 | SHORT | RD/WR | | Comparator 5G, inverted | 0, 1 | 0 |
| 20923 | SHORT | RD/WR | | Comparator 5H, inverted | 0, 1 | 0 |
| 20924 | SHORT | RD/WR | | Comparator 5I, inverted | 0, 1 | 0 |
| 20925 | SHORT | RD/WR | | Comparator 5J, inverted | 0, 1 | 0 |
| 20926 | SHORT | RD | | Results of the comparator A, comparator group 1 | | |
| 20927 | SHORT | RD | | Results of the comparator B, comparator group 1 | | |
| 20928 | SHORT | RD | | Results of the comparator C, comparator group 1 | | |
| 20929 | SHORT | RD | | Results of the comparator D, comparator group 1 | | |
| 20930 | SHORT | RD | | Results of the comparator E, comparator group 1 | | |
| 20931 | SHORT | RD | | Results of the comparator F, comparator group 1 | | |
| 20932 | SHORT | RD | | Results of the comparator G, comparator group 1 | | |
| 20933 | SHORT | RD | | Results of the comparator H, comparator group 1 | | |
| 20934 | SHORT | RD | | Results of the comparator I, comparator group 1 | | |
| 20935 | SHORT | RD | | Results of the comparator J, comparator group 1 | | |
| 20936 | SHORT | RD | | Results of the comparator A, comparator group 2 | | |
| 20937 | SHORT | RD | | Results of the comparator B, comparator group 2 | | |
| 20938 | SHORT | RD | | Results of the comparator C, comparator group 2 | | |
| 20939 | SHORT | RD | | Results of the comparator D, comparator group 2 | | |
| 20940 | SHORT | RD | | Results of the comparator E, comparator group 2 | | |
| 20941 | SHORT | RD | | Results of the comparator F, comparator group 2 | | |
| 20942 | SHORT | RD | | Results of the comparator G, comparator group 2 | | |
| 20943 | SHORT | RD | | Results of the comparator H, comparator group 2 | | |
| 20944 | SHORT | RD | | Results of the comparator I, comparator group 2 | | |
| 20945 | SHORT | RD | | Results of the comparator J, comparator group 2 | | |
| 20946 | SHORT | RD | | Results of the comparator A, comparator group 3 | | |
| 20947 | SHORT | RD | | Results of the comparator B, comparator group 3 | | |
| 20948 | SHORT | RD | | Results of the comparator C, comparator group 3 | | |
| 20949 | SHORT | RD | | Results of the comparator D, comparator group 3 | | |
| 20950 | SHORT | RD | | Results of the comparator E, comparator group 3 | | |
| 20951 | SHORT | RD | | Results of the comparator F, comparator group 3 | | |
| 20952 | SHORT | RD | | Results of the comparator G, comparator group 3 | | |
| 20953 | SHORT | RD | | Results of the comparator H, comparator group 3 | | |
| 20954 | SHORT | RD | | Results of the comparator I, comparator group 3 | | |
| 20955 | SHORT | RD | | Results of the comparator J, comparator group 3 | | |
| 20956 | SHORT | RD | | Results of the comparator A, comparator group 4 | | |
| 20957 | SHORT | RD | | Results of the comparator B, comparator group 4 | | |
| 20958 | SHORT | RD | | Results of the comparator C, comparator group 4 | | |
| 20959 | SHORT | RD | | Results of the comparator D, comparator group 4 | | |
| 20960 | SHORT | RD | | Results of the comparator E, comparator group 4 | | |
| 20961 | SHORT | RD | | Results of the comparator F, comparator group 4 | | |
| 20962 | SHORT | RD | | Results of the comparator G, comparator group 4 | | |
| 20963 | SHORT | RD | | Results of the comparator H, comparator group 4 | | |
| 20964 | SHORT | RD | | Results of the comparator I, comparator group 4 | | |
| 20965 | SHORT | RD | | Results of the comparator J, comparator group 4 | | |
| 20966 | SHORT | RD | | Results of the comparator A, comparator group 5 | | |
| 20967 | SHORT | RD | | Results of the comparator B, comparator group 5 | | |
| 20968 | SHORT | RD | | Results of the comparator C, comparator group 5 | | |
| 20969 | SHORT | RD | | Results of the comparator D, comparator group 5 | | |
| 20970 | SHORT | RD | | Results of the comparator E, comparator group 5 | | |
| 20971 | SHORT | RD | | Results of the comparator F, comparator group 5 | | |
| 20972 | SHORT | RD | | Results of the comparator G, comparator group 5 | | |
| 20973 | SHORT | RD | | Results of the comparator H, comparator group 5 | | |
| 20974 | SHORT | RD | | Results of the comparator I, comparator group 5 | | |
| 20975 | SHORT | RD | | Results of the comparator J, comparator group 5 | | |
| 20976 | SHORT | RD | | Comparator group 1, Linkage result of comparator group | | |
| 20977 | SHORT | RD | | Comparator group 2, Linkage result of comparator group | | |

| Address | Format | RD/WR | Unit | Note | Adjustment Area | Default |
|---------|--------|-------|------|--|-----------------|---------|
| 20978 | SHORT | RD | | Comparator group 3, Linkage result of comparator group | | |
| 20979 | SHORT | RD | | Comparator group 4, Linkage result of comparator group | | |
| 20980 | SHORT | RD | | Comparator group 5, Linkage result of comparator group | | |

Minimum values, time stamp

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 10503 | INT | RD | s | Time of min. value (UTC), Measured frequency | |
| 10505 | INT | RD | s | Time of min. value (UTC), Voltage, zero sequence | |
| 10507 | INT | RD | s | Time of min. value (UTC), Voltage, negative sequence | |
| 10509 | INT | RD | s | Time of min. value (UTC), Voltage, positive sequence | |
| 10511 | INT | RD | s | Time of min. value (UTC), Voltage L1-N | |
| 10513 | INT | RD | s | Time of min. value (UTC), Voltage L2-N | |
| 10515 | INT | RD | s | Time of min. value (UTC), Voltage L3-N | |
| 10517 | INT | RD | s | Time of min. value (UTC), Voltage L1-L3 | |
| 10519 | INT | RD | s | Time of min. value (UTC), Voltage L2-L3 | |
| 10521 | INT | RD | s | Time of min. value (UTC), Voltage L1-L3 | |
| 10523 | INT | RD | s | Time of min. value (UTC), Fund. power factor, CosPhi; L1 | |
| 10525 | INT | RD | s | Time of min. value (UTC), Fund. power factor, CosPhi; L2 | |
| 10527 | INT | RD | s | Time of min. value (UTC), Fund. power factor, CosPhi; L3 | |
| 10529 | INT | RD | s | Time of min. value (UTC), Fund. power factor, CosPhi; sum | |
| 10531 | INT | RD | s | Time of min. value (UTC), Power factor; L1 | |
| 10533 | INT | RD | s | Time of min. value (UTC), Power factor; L2 | |
| 10535 | INT | RD | s | Time of min. value (UTC), Power factor; L3 | |
| 10537 | INT | RD | s | Time of min. value (UTC), Power factor; L sum | |
| 10539 | INT | RD | s | Time of min. value (UTC), THD, U L1-N | |
| 10541 | INT | RD | s | Time of min. value (UTC), THD, U L2-N | |
| 10543 | INT | RD | s | Time of min. value (UTC), THD, U L3-N | |
| 10545 | INT | RD | s | Time of min. value (UTC), THD, U L1-L2 | |
| 10547 | INT | RD | s | Time of min. value (UTC), THD, U L2-L3 | |
| 10549 | INT | RD | s | Time of min. value (UTC), THD, U L1-L3 | |
| 10551 | INT | RD | s | Time of min. value (UTC), Voltage, real part U L1-N | |
| 10553 | INT | RD | s | Time of min. value (UTC), Voltage, real part U L2-N | |
| 10555 | INT | RD | s | Time of min. value (UTC), Voltage, real part U L3-N | |
| 10557 | INT | RD | s | Time of min. value (UTC), Voltage, imaginary part U L1-N | |
| 10559 | INT | RD | s | Time of min. value (UTC), Voltage, imaginary part U L2-N | |
| 10561 | INT | RD | s | Time of min. value (UTC), Voltage, imaginary part U L3-N | |

Maximum values, time stamp

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---|-------|
| 10335 | INT | RD | s | Time of max. value (UTC), Current I L4 | |
| 10337 | INT | RD | s | Time of max. value (UTC), THD I L4 | |
| 10339 | INT | RD | s | Time of max. value (UTC), TDD I L4 | |
| 10341 | INT | RD | s | Time of max. value (UTC) average, current I L4 | |
| 10343 | INT | RD | s | Time of max. value (UTC) power s0 (pulse input 1) | |
| 10345 | INT | RD | s | Time of max. value (UTC) power s0 (pulse input 2) | |
| 10347 | INT | RD | s | Time of max. value (UTC) power s0 (pulse input 3) | |
| 10349 | INT | RD | s | Time of max. value (UTC), Measured frequency | |
| 10351 | INT | RD | s | Time of max. value (UTC), Voltage, zero sequence | |
| 10353 | INT | RD | s | Time of max. value (UTC), Voltage, negative sequence | |
| 10355 | INT | RD | s | Time of max. value (UTC), Voltage, positive sequence | |
| 10357 | INT | RD | s | Time of max. value (UTC), Voltage L1-N | |
| 10359 | INT | RD | s | Time of max. value (UTC), Voltage L2-N | |
| 10361 | INT | RD | s | Time of max. value (UTC), Voltage L3-N | |
| 10363 | INT | RD | s | Time of max. value (UTC), Voltage L1-L2 | |
| 10365 | INT | RD | s | Time of max. value (UTC), Voltage L2-L3 | |
| 10367 | INT | RD | s | Time of max. value (UTC), Voltage L1-L3 | |
| 10369 | INT | RD | s | Time of max. value (UTC), Fund. power factor, CosPhi; L1 | |
| 10371 | INT | RD | s | Time of max. value (UTC), Fund. power factor, CosPhi; L2 | |
| 10373 | INT | RD | s | Time of max. value (UTC), Fund. power factor, CosPhi; L3 | |
| 10375 | INT | RD | s | Time of max. value (UTC), Fund. power factor, CosPhi; sum | |
| 10377 | INT | RD | s | Time of max. value (UTC), Power factor; L1 | |
| 10379 | INT | RD | s | Time of max. value (UTC), Power factor; L2 | |
| 10381 | INT | RD | s | Time of max. value (UTC), Power factor; L3 | |
| 10383 | INT | RD | s | Time of max. value (UTC), Power factor; sum | |
| 10385 | INT | RD | s | Time of max. value (UTC), THD, U L1-N | |
| 10387 | INT | RD | s | Time of max. value (UTC), THD, U L2-N | |
| 10389 | INT | RD | s | Time of max. value (UTC), THD, U L3-N | |
| 10391 | INT | RD | s | Time of max. value (UTC), THD, U L1-L2 | |
| 10393 | INT | RD | s | Time of max. value (UTC), THD, U L2-L3 | |
| 10395 | INT | RD | s | Time of max. value (UTC), THD, U L1-L3 | |
| 10397 | INT | RD | s | Time of max. value (UTC), Voltage, real part U L1-N | |
| 10399 | INT | RD | s | Time of max. value (UTC), Voltage, real part U L2-N | |
| 10401 | INT | RD | s | Time of max. value (UTC), Voltage, real part U L3-N | |
| 10403 | INT | RD | s | Time of max. value (UTC), Voltage, imaginary part U L1-N | |
| 10405 | INT | RD | s | Time of max. value (UTC), Voltage, imaginary part U L2-N | |
| 10407 | INT | RD | s | Time of max. value (UTC), Voltage, imaginary part U L3-N | |
| 10409 | INT | RD | s | Time of max. value (UTC), Current I L1 | |
| 10411 | INT | RD | s | Time of max. value (UTC), Current I L2 | |
| 10413 | INT | RD | s | Time of max. value (UTC), Current I L3 | |
| 10415 | INT | RD | s | Time of max. value (UTC), Current I L (sum L1-L3) | |
| 10417 | INT | RD | s | Time of max. value (UTC), Real power P1 | |
| 10419 | INT | RD | s | Time of max. value (UTC), Real power P2 | |
| 10421 | INT | RD | s | Time of max. value (UTC), Real power P3 | |
| 10423 | INT | RD | s | Time of max. value (UTC), Real power P sum | |
| 10425 | INT | RD | s | Time of max. value (UTC), Fund. reactive power Q1 | |
| 10427 | INT | RD | s | Time of max. value (UTC), Fund. reactive power Q2 | |
| 10429 | INT | RD | s | Time of max. value (UTC), Fund. reactive power Q3 | |
| 10431 | INT | RD | s | Time of max. value (UTC), Fund. reactive power Q sum | |
| 10433 | INT | RD | s | Time of max. value (UTC), Apparent power S1 | |
| 10435 | INT | RD | s | Time of max. value (UTC), Apparent power S2 | |
| 10437 | INT | RD | s | Time of max. value (UTC), Apparent power S3 | |
| 10439 | INT | RD | s | Time of max. value (UTC), Apparent power S, sum | |
| 10441 | INT | RD | s | Time of max. value (UTC), Fund. real power P1 | |
| 10443 | INT | RD | s | Time of max. value (UTC), Fund. real power P2 | |
| 10445 | INT | RD | s | Time of max. value (UTC), Fund. real power P3 | |
| 10447 | INT | RD | s | Time of max. value (UTC), Fund. real power P sum | |
| 10449 | INT | RD | s | Time of max. value (UTC), Harmonic distortion power D L1-N | |
| 10451 | INT | RD | s | Time of max. value (UTC), Harmonic distortion power D L2-N | |
| 10453 | INT | RD | s | Time of max. value (UTC), Harmonic distortion power D L3-N | |
| 10455 | INT | RD | s | Time of max. value (UTC), Harmonic distortion power D sum3=D1+D2+D3 | |
| 10457 | INT | RD | s | Time of max. value (UTC), THD I1 | |
| 10459 | INT | RD | s | Time of max. value (UTC), THD I2 | |
| 10461 | INT | RD | s | Time of max. value (UTC), THD I3 | |
| 10463 | INT | RD | s | Time of max. value (UTC), TDD I1 | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|--|-------|
| 10465 | INT | RD | s | Time of max. value (UTC), TDD I2 | |
| 10467 | INT | RD | s | Time of max. value (UTC), TDD I3 | |
| 10469 | INT | RD | s | Time of max. value (UTC), Current, zero sequence | |
| 10471 | INT | RD | s | Time of max. value (UTC), Current, negative sequence | |
| 10473 | INT | RD | s | Time of max. value (UTC), Current, positive sequence | |
| 10475 | INT | RD | s | Time of max. value (UTC), Current, real part I L1 | |
| 10477 | INT | RD | s | Time of max. value (UTC), Current, real part I L2 | |
| 10479 | INT | RD | s | Time of max. value (UTC), Current, real part I L3 | |
| 10481 | INT | RD | s | Time of max. value (UTC), Current, imaginary part I L1 | |
| 10483 | INT | RD | s | Time of max. value (UTC), Current, imaginary part I L2 | |
| 10485 | INT | RD | s | Time of max. value (UTC), Current, imaginary part I L3 | |
| 10487 | INT | RD | s | Time of max. value (UTC) Average, current I L1 | |
| 10489 | INT | RD | s | Time of max. value (UTC) Average, current I L2 | |
| 10491 | INT | RD | s | Time of max. value (UTC) Average, current I L3 | |
| 10493 | INT | RD | s | Time of max. value (UTC) Average, current I sum | |
| 10495 | INT | RD | s | Time of max. value (UTC) Average, Real Power P1 | |
| 10497 | INT | RD | s | Time of max. value (UTC) Average, Real Power P2 | |
| 10499 | INT | RD | s | Time of max. value (UTC) Average, Real Power P3 | |
| 10501 | INT | RD | s | Time of max. value (UTC) Average, Real Power P sum | |
| 11245 | INT | RD | s | Time of max. value (UTC), Temperature input 1 | |
| 11247 | INT | RD | s | Time of max. value (UTC), Temperature input 2 | |
| 11249 | INT | RD | s | Time of max. value (UTC), Diff1 4-20mA | |
| 11251 | INT | RD | s | Time of max. value (UTC), Diff2 4-20mA | |
| 11253 | INT | RD | s | Time of max. value (UTC), Current Diff1 | |
| 11255 | INT | RD | s | Time of max. value (UTC), Current Diff2 | |
| 11257 | INT | RD | s | Time of max. value (UTC), THD I Diff1 | |
| 11259 | INT | RD | s | Time of max. value (UTC), THD I Diff2 | |
| 11261 | INT | RD | s | Time of max. value (UTC) Average, Temperature input 1 | |
| 11263 | INT | RD | s | Time of max. value (UTC) Average, Temperature input 2 | |
| 11265 | INT | RD | s | Time of max. value (UTC) Average, Diff1 4-20mA | |
| 11267 | INT | RD | s | Time of max. value (UTC) Average, Diff2 4-20mA | |
| 11269 | INT | RD | s | Time of max. value (UTC) Average, Current Diff1 | |
| 11271 | INT | RD | s | Time of max. value (UTC) Average, Current Diff2 | |
| 11471 | INT | RD | s | Time of Arithmetic Sum Current (I1+I2+I3), Maximum | |
| 11473 | INT | RD | s | Time of Arithmetic Sum Current (I1+I2+I3), Maximum average | |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------|-------|
|---------|--------|-------|------|------|-------|

Fourier analysis

Measured values, type float, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------|-------|
| 1000 | FLOAT | RD | V | Harmonic U L1 | [0] |
| 1002 | FLOAT | RD | V | Harmonic U L1 | [1] |
| 1004 | FLOAT | RD | V | Harmonic U L1 | [2] |
| 1006 | FLOAT | RD | V | Harmonic U L1 | [3] |
| 1008 | FLOAT | RD | V | Harmonic U L1 | [4] |
| 1010 | FLOAT | RD | V | Harmonic U L1 | [5] |
| 1012 | FLOAT | RD | V | Harmonic U L1 | [6] |
| 1014 | FLOAT | RD | V | Harmonic U L1 | [7] |
| 1016 | FLOAT | RD | V | Harmonic U L1 | [8] |
| 1018 | FLOAT | RD | V | Harmonic U L1 | [9] |
| 1020 | FLOAT | RD | V | Harmonic U L1 | [10] |
| 1022 | FLOAT | RD | V | Harmonic U L1 | [11] |
| 1024 | FLOAT | RD | V | Harmonic U L1 | [12] |
| 1026 | FLOAT | RD | V | Harmonic U L1 | [13] |
| 1028 | FLOAT | RD | V | Harmonic U L1 | [14] |
| 1030 | FLOAT | RD | V | Harmonic U L1 | [15] |
| 1032 | FLOAT | RD | V | Harmonic U L1 | [16] |
| 1034 | FLOAT | RD | V | Harmonic U L1 | [17] |
| 1036 | FLOAT | RD | V | Harmonic U L1 | [18] |
| 1038 | FLOAT | RD | V | Harmonic U L1 | [19] |
| 1040 | FLOAT | RD | V | Harmonic U L1 | [20] |
| 1042 | FLOAT | RD | V | Harmonic U L1 | [21] |
| 1044 | FLOAT | RD | V | Harmonic U L1 | [22] |
| 1046 | FLOAT | RD | V | Harmonic U L1 | [23] |
| 1048 | FLOAT | RD | V | Harmonic U L1 | [24] |
| 1050 | FLOAT | RD | V | Harmonic U L1 | [25] |
| 1052 | FLOAT | RD | V | Harmonic U L1 | [26] |
| 1054 | FLOAT | RD | V | Harmonic U L1 | [27] |
| 1056 | FLOAT | RD | V | Harmonic U L1 | [28] |
| 1058 | FLOAT | RD | V | Harmonic U L1 | [29] |
| 1060 | FLOAT | RD | V | Harmonic U L1 | [30] |
| 1062 | FLOAT | RD | V | Harmonic U L1 | [31] |
| 1064 | FLOAT | RD | V | Harmonic U L1 | [32] |
| 1066 | FLOAT | RD | V | Harmonic U L1 | [33] |
| 1068 | FLOAT | RD | V | Harmonic U L1 | [34] |
| 1070 | FLOAT | RD | V | Harmonic U L1 | [35] |
| 1072 | FLOAT | RD | V | Harmonic U L1 | [36] |
| 1074 | FLOAT | RD | V | Harmonic U L1 | [37] |
| 1076 | FLOAT | RD | V | Harmonic U L1 | [38] |
| 1078 | FLOAT | RD | V | Harmonic U L1 | [39] |
| 1080 | FLOAT | RD | V | Harmonic U L2 | [0] |
| 1082 | FLOAT | RD | V | Harmonic U L2 | [1] |
| 1084 | FLOAT | RD | V | Harmonic U L2 | [2] |
| 1086 | FLOAT | RD | V | Harmonic U L2 | [3] |
| 1088 | FLOAT | RD | V | Harmonic U L2 | [4] |
| 1090 | FLOAT | RD | V | Harmonic U L2 | [5] |
| 1092 | FLOAT | RD | V | Harmonic U L2 | [6] |
| 1094 | FLOAT | RD | V | Harmonic U L2 | [7] |
| 1096 | FLOAT | RD | V | Harmonic U L2 | [8] |
| 1098 | FLOAT | RD | V | Harmonic U L2 | [9] |
| 1100 | FLOAT | RD | V | Harmonic U L2 | [10] |
| 1102 | FLOAT | RD | V | Harmonic U L2 | [11] |
| 1104 | FLOAT | RD | V | Harmonic U L2 | [12] |
| 1106 | FLOAT | RD | V | Harmonic U L2 | [13] |
| 1108 | FLOAT | RD | V | Harmonic U L2 | [14] |
| 1110 | FLOAT | RD | V | Harmonic U L2 | [15] |
| 1112 | FLOAT | RD | V | Harmonic U L2 | [16] |
| 1114 | FLOAT | RD | V | Harmonic U L2 | [17] |
| 1116 | FLOAT | RD | V | Harmonic U L2 | [18] |
| 1118 | FLOAT | RD | V | Harmonic U L2 | [19] |
| 1120 | FLOAT | RD | V | Harmonic U L2 | [20] |
| 1122 | FLOAT | RD | V | Harmonic U L2 | [21] |
| 1124 | FLOAT | RD | V | Harmonic U L2 | [22] |
| 1126 | FLOAT | RD | V | Harmonic U L2 | [23] |
| 1128 | FLOAT | RD | V | Harmonic U L2 | [24] |
| 1130 | FLOAT | RD | V | Harmonic U L2 | [25] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------|-------|
| 1132 | FLOAT | RD | V | Harmonic U L2 | [26] |
| 1134 | FLOAT | RD | V | Harmonic U L2 | [27] |
| 1136 | FLOAT | RD | V | Harmonic U L2 | [28] |
| 1138 | FLOAT | RD | V | Harmonic U L2 | [29] |
| 1140 | FLOAT | RD | V | Harmonic U L2 | [30] |
| 1142 | FLOAT | RD | V | Harmonic U L2 | [31] |
| 1144 | FLOAT | RD | V | Harmonic U L2 | [32] |
| 1146 | FLOAT | RD | V | Harmonic U L2 | [33] |
| 1148 | FLOAT | RD | V | Harmonic U L2 | [34] |
| 1150 | FLOAT | RD | V | Harmonic U L2 | [35] |
| 1152 | FLOAT | RD | V | Harmonic U L2 | [36] |
| 1154 | FLOAT | RD | V | Harmonic U L2 | [37] |
| 1156 | FLOAT | RD | V | Harmonic U L2 | [38] |
| 1158 | FLOAT | RD | V | Harmonic U L2 | [39] |
| 1160 | FLOAT | RD | V | Harmonic U L3 | [0] |
| 1162 | FLOAT | RD | V | Harmonic U L3 | [1] |
| 1164 | FLOAT | RD | V | Harmonic U L3 | [2] |
| 1166 | FLOAT | RD | V | Harmonic U L3 | [3] |
| 1168 | FLOAT | RD | V | Harmonic U L3 | [4] |
| 1170 | FLOAT | RD | V | Harmonic U L3 | [5] |
| 1172 | FLOAT | RD | V | Harmonic U L3 | [6] |
| 1174 | FLOAT | RD | V | Harmonic U L3 | [7] |
| 1176 | FLOAT | RD | V | Harmonic U L3 | [8] |
| 1178 | FLOAT | RD | V | Harmonic U L3 | [9] |
| 1180 | FLOAT | RD | V | Harmonic U L3 | [10] |
| 1182 | FLOAT | RD | V | Harmonic U L3 | [11] |
| 1184 | FLOAT | RD | V | Harmonic U L3 | [12] |
| 1186 | FLOAT | RD | V | Harmonic U L3 | [13] |
| 1188 | FLOAT | RD | V | Harmonic U L3 | [14] |
| 1190 | FLOAT | RD | V | Harmonic U L3 | [15] |
| 1192 | FLOAT | RD | V | Harmonic U L3 | [16] |
| 1194 | FLOAT | RD | V | Harmonic U L3 | [17] |
| 1196 | FLOAT | RD | V | Harmonic U L3 | [18] |
| 1198 | FLOAT | RD | V | Harmonic U L3 | [19] |
| 1200 | FLOAT | RD | V | Harmonic U L3 | [20] |
| 1202 | FLOAT | RD | V | Harmonic U L3 | [21] |
| 1204 | FLOAT | RD | V | Harmonic U L3 | [22] |
| 1206 | FLOAT | RD | V | Harmonic U L3 | [23] |
| 1208 | FLOAT | RD | V | Harmonic U L3 | [24] |
| 1210 | FLOAT | RD | V | Harmonic U L3 | [25] |
| 1212 | FLOAT | RD | V | Harmonic U L3 | [26] |
| 1214 | FLOAT | RD | V | Harmonic U L3 | [27] |
| 1216 | FLOAT | RD | V | Harmonic U L3 | [28] |
| 1218 | FLOAT | RD | V | Harmonic U L3 | [29] |
| 1220 | FLOAT | RD | V | Harmonic U L3 | [30] |
| 1222 | FLOAT | RD | V | Harmonic U L3 | [31] |
| 1224 | FLOAT | RD | V | Harmonic U L3 | [32] |
| 1226 | FLOAT | RD | V | Harmonic U L3 | [33] |
| 1228 | FLOAT | RD | V | Harmonic U L3 | [34] |
| 1230 | FLOAT | RD | V | Harmonic U L3 | [35] |
| 1232 | FLOAT | RD | V | Harmonic U L3 | [36] |
| 1234 | FLOAT | RD | V | Harmonic U L3 | [37] |
| 1236 | FLOAT | RD | V | Harmonic U L3 | [38] |
| 1238 | FLOAT | RD | V | Harmonic U L3 | [39] |
| 1240 | FLOAT | RD | V | Harmonic U L1-L2 | [0] |
| 1242 | FLOAT | RD | V | Harmonic U L1-L2 | [1] |
| 1244 | FLOAT | RD | V | Harmonic U L1-L2 | [2] |
| 1246 | FLOAT | RD | V | Harmonic U L1-L2 | [3] |
| 1248 | FLOAT | RD | V | Harmonic U L1-L2 | [4] |
| 1250 | FLOAT | RD | V | Harmonic U L1-L2 | [5] |
| 1252 | FLOAT | RD | V | Harmonic U L1-L2 | [6] |
| 1254 | FLOAT | RD | V | Harmonic U L1-L2 | [7] |
| 1256 | FLOAT | RD | V | Harmonic U L1-L2 | [8] |
| 1258 | FLOAT | RD | V | Harmonic U L1-L2 | [9] |
| 1260 | FLOAT | RD | V | Harmonic U L1-L2 | [10] |
| 1262 | FLOAT | RD | V | Harmonic U L1-L2 | [11] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------|-------|
| 1264 | FLOAT | RD | V | Harmonic U L1-L2 | [12] |
| 1266 | FLOAT | RD | V | Harmonic U L1-L2 | [13] |
| 1268 | FLOAT | RD | V | Harmonic U L1-L2 | [14] |
| 1270 | FLOAT | RD | V | Harmonic U L1-L2 | [15] |
| 1272 | FLOAT | RD | V | Harmonic U L1-L2 | [16] |
| 1274 | FLOAT | RD | V | Harmonic U L1-L2 | [17] |
| 1276 | FLOAT | RD | V | Harmonic U L1-L2 | [18] |
| 1278 | FLOAT | RD | V | Harmonic U L1-L2 | [19] |
| 1280 | FLOAT | RD | V | Harmonic U L1-L2 | [20] |
| 1282 | FLOAT | RD | V | Harmonic U L1-L2 | [21] |
| 1284 | FLOAT | RD | V | Harmonic U L1-L2 | [22] |
| 1286 | FLOAT | RD | V | Harmonic U L1-L2 | [23] |
| 1288 | FLOAT | RD | V | Harmonic U L1-L2 | [24] |
| 1290 | FLOAT | RD | V | Harmonic U L1-L2 | [25] |
| 1292 | FLOAT | RD | V | Harmonic U L1-L2 | [26] |
| 1294 | FLOAT | RD | V | Harmonic U L1-L2 | [27] |
| 1296 | FLOAT | RD | V | Harmonic U L1-L2 | [28] |
| 1298 | FLOAT | RD | V | Harmonic U L1-L2 | [29] |
| 1300 | FLOAT | RD | V | Harmonic U L1-L2 | [30] |
| 1302 | FLOAT | RD | V | Harmonic U L1-L2 | [31] |
| 1304 | FLOAT | RD | V | Harmonic U L1-L2 | [32] |
| 1306 | FLOAT | RD | V | Harmonic U L1-L2 | [33] |
| 1308 | FLOAT | RD | V | Harmonic U L1-L2 | [34] |
| 1310 | FLOAT | RD | V | Harmonic U L1-L2 | [35] |
| 1312 | FLOAT | RD | V | Harmonic U L1-L2 | [36] |
| 1314 | FLOAT | RD | V | Harmonic U L1-L2 | [37] |
| 1316 | FLOAT | RD | V | Harmonic U L1-L2 | [38] |
| 1318 | FLOAT | RD | V | Harmonic U L1-L2 | [39] |
| 1320 | FLOAT | RD | V | Harmonic U L2-L3 | [0] |
| 1322 | FLOAT | RD | V | Harmonic U L2-L3 | [1] |
| 1324 | FLOAT | RD | V | Harmonic U L2-L3 | [2] |
| 1326 | FLOAT | RD | V | Harmonic U L2-L3 | [3] |
| 1328 | FLOAT | RD | V | Harmonic U L2-L3 | [4] |
| 1330 | FLOAT | RD | V | Harmonic U L2-L3 | [5] |
| 1332 | FLOAT | RD | V | Harmonic U L2-L3 | [6] |
| 1334 | FLOAT | RD | V | Harmonic U L2-L3 | [7] |
| 1336 | FLOAT | RD | V | Harmonic U L2-L3 | [8] |
| 1338 | FLOAT | RD | V | Harmonic U L2-L3 | [9] |
| 1340 | FLOAT | RD | V | Harmonic U L2-L3 | [10] |
| 1342 | FLOAT | RD | V | Harmonic U L2-L3 | [11] |
| 1344 | FLOAT | RD | V | Harmonic U L2-L3 | [12] |
| 1346 | FLOAT | RD | V | Harmonic U L2-L3 | [13] |
| 1348 | FLOAT | RD | V | Harmonic U L2-L3 | [14] |
| 1350 | FLOAT | RD | V | Harmonic U L2-L3 | [15] |
| 1352 | FLOAT | RD | V | Harmonic U L2-L3 | [16] |
| 1354 | FLOAT | RD | V | Harmonic U L2-L3 | [17] |
| 1356 | FLOAT | RD | V | Harmonic U L2-L3 | [18] |
| 1358 | FLOAT | RD | V | Harmonic U L2-L3 | [19] |
| 1360 | FLOAT | RD | V | Harmonic U L2-L3 | [20] |
| 1362 | FLOAT | RD | V | Harmonic U L2-L3 | [21] |
| 1364 | FLOAT | RD | V | Harmonic U L2-L3 | [22] |
| 1366 | FLOAT | RD | V | Harmonic U L2-L3 | [23] |
| 1368 | FLOAT | RD | V | Harmonic U L2-L3 | [24] |
| 1370 | FLOAT | RD | V | Harmonic U L2-L3 | [25] |
| 1372 | FLOAT | RD | V | Harmonic U L2-L3 | [26] |
| 1374 | FLOAT | RD | V | Harmonic U L2-L3 | [27] |
| 1376 | FLOAT | RD | V | Harmonic U L2-L3 | [28] |
| 1378 | FLOAT | RD | V | Harmonic U L2-L3 | [29] |
| 1380 | FLOAT | RD | V | Harmonic U L2-L3 | [30] |
| 1382 | FLOAT | RD | V | Harmonic U L2-L3 | [31] |
| 1384 | FLOAT | RD | V | Harmonic U L2-L3 | [32] |
| 1386 | FLOAT | RD | V | Harmonic U L2-L3 | [33] |
| 1388 | FLOAT | RD | V | Harmonic U L2-L3 | [34] |
| 1390 | FLOAT | RD | V | Harmonic U L2-L3 | [35] |
| 1392 | FLOAT | RD | V | Harmonic U L2-L3 | [36] |
| 1394 | FLOAT | RD | V | Harmonic U L2-L3 | [37] |

| Address | Format | RD/WR | Unit | Note | Index |
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| 1396 | FLOAT | RD | V | Harmonic U L2-L3 | [38] |
| 1398 | FLOAT | RD | V | Harmonic U L2-L3 | [39] |
| 1400 | FLOAT | RD | V | Harmonic U L3-L1 | [0] |
| 1402 | FLOAT | RD | V | Harmonic U L3-L1 | [1] |
| 1404 | FLOAT | RD | V | Harmonic U L3-L1 | [2] |
| 1406 | FLOAT | RD | V | Harmonic U L3-L1 | [3] |
| 1408 | FLOAT | RD | V | Harmonic U L3-L1 | [4] |
| 1410 | FLOAT | RD | V | Harmonic U L3-L1 | [5] |
| 1412 | FLOAT | RD | V | Harmonic U L3-L1 | [6] |
| 1414 | FLOAT | RD | V | Harmonic U L3-L1 | [7] |
| 1416 | FLOAT | RD | V | Harmonic U L3-L1 | [8] |
| 1418 | FLOAT | RD | V | Harmonic U L3-L1 | [9] |
| 1420 | FLOAT | RD | V | Harmonic U L3-L1 | [10] |
| 1422 | FLOAT | RD | V | Harmonic U L3-L1 | [11] |
| 1424 | FLOAT | RD | V | Harmonic U L3-L1 | [12] |
| 1426 | FLOAT | RD | V | Harmonic U L3-L1 | [13] |
| 1428 | FLOAT | RD | V | Harmonic U L3-L1 | [14] |
| 1430 | FLOAT | RD | V | Harmonic U L3-L1 | [15] |
| 1432 | FLOAT | RD | V | Harmonic U L3-L1 | [16] |
| 1434 | FLOAT | RD | V | Harmonic U L3-L1 | [17] |
| 1436 | FLOAT | RD | V | Harmonic U L3-L1 | [18] |
| 1438 | FLOAT | RD | V | Harmonic U L3-L1 | [19] |
| 1440 | FLOAT | RD | V | Harmonic U L3-L1 | [20] |
| 1442 | FLOAT | RD | V | Harmonic U L3-L1 | [21] |
| 1444 | FLOAT | RD | V | Harmonic U L3-L1 | [22] |
| 1446 | FLOAT | RD | V | Harmonic U L3-L1 | [23] |
| 1448 | FLOAT | RD | V | Harmonic U L3-L1 | [24] |
| 1450 | FLOAT | RD | V | Harmonic U L3-L1 | [25] |
| 1452 | FLOAT | RD | V | Harmonic U L3-L1 | [26] |
| 1454 | FLOAT | RD | V | Harmonic U L3-L1 | [27] |
| 1456 | FLOAT | RD | V | Harmonic U L3-L1 | [28] |
| 1458 | FLOAT | RD | V | Harmonic U L3-L1 | [29] |
| 1460 | FLOAT | RD | V | Harmonic U L3-L1 | [30] |
| 1462 | FLOAT | RD | V | Harmonic U L3-L1 | [31] |
| 1464 | FLOAT | RD | V | Harmonic U L3-L1 | [32] |
| 1466 | FLOAT | RD | V | Harmonic U L3-L1 | [33] |
| 1468 | FLOAT | RD | V | Harmonic U L3-L1 | [34] |
| 1470 | FLOAT | RD | V | Harmonic U L3-L1 | [35] |
| 1472 | FLOAT | RD | V | Harmonic U L3-L1 | [36] |
| 1474 | FLOAT | RD | V | Harmonic U L3-L1 | [37] |
| 1476 | FLOAT | RD | V | Harmonic U L3-L1 | [38] |
| 1478 | FLOAT | RD | V | Harmonic U L3-L1 | [39] |
| 1480 | FLOAT | RD | A | Harmonic I L1 | [0] |
| 1482 | FLOAT | RD | A | Harmonic I L1 | [1] |
| 1484 | FLOAT | RD | A | Harmonic I L1 | [2] |
| 1486 | FLOAT | RD | A | Harmonic I L1 | [3] |
| 1488 | FLOAT | RD | A | Harmonic I L1 | [4] |
| 1490 | FLOAT | RD | A | Harmonic I L1 | [5] |
| 1492 | FLOAT | RD | A | Harmonic I L1 | [6] |
| 1494 | FLOAT | RD | A | Harmonic I L1 | [7] |
| 1496 | FLOAT | RD | A | Harmonic I L1 | [8] |
| 1498 | FLOAT | RD | A | Harmonic I L1 | [9] |
| 1500 | FLOAT | RD | A | Harmonic I L1 | [10] |
| 1502 | FLOAT | RD | A | Harmonic I L1 | [11] |
| 1504 | FLOAT | RD | A | Harmonic I L1 | [12] |
| 1506 | FLOAT | RD | A | Harmonic I L1 | [13] |
| 1508 | FLOAT | RD | A | Harmonic I L1 | [14] |
| 1510 | FLOAT | RD | A | Harmonic I L1 | [15] |
| 1512 | FLOAT | RD | A | Harmonic I L1 | [16] |
| 1514 | FLOAT | RD | A | Harmonic I L1 | [17] |
| 1516 | FLOAT | RD | A | Harmonic I L1 | [18] |
| 1518 | FLOAT | RD | A | Harmonic I L1 | [19] |
| 1520 | FLOAT | RD | A | Harmonic I L1 | [20] |
| 1522 | FLOAT | RD | A | Harmonic I L1 | [21] |
| 1524 | FLOAT | RD | A | Harmonic I L1 | [22] |
| 1526 | FLOAT | RD | A | Harmonic I L1 | [23] |

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|---------|--------|-------|------|---------------|-------|
| 1528 | FLOAT | RD | A | Harmonic I L1 | [24] |
| 1530 | FLOAT | RD | A | Harmonic I L1 | [25] |
| 1532 | FLOAT | RD | A | Harmonic I L1 | [26] |
| 1534 | FLOAT | RD | A | Harmonic I L1 | [27] |
| 1536 | FLOAT | RD | A | Harmonic I L1 | [28] |
| 1538 | FLOAT | RD | A | Harmonic I L1 | [29] |
| 1540 | FLOAT | RD | A | Harmonic I L1 | [30] |
| 1542 | FLOAT | RD | A | Harmonic I L1 | [31] |
| 1544 | FLOAT | RD | A | Harmonic I L1 | [32] |
| 1546 | FLOAT | RD | A | Harmonic I L1 | [33] |
| 1548 | FLOAT | RD | A | Harmonic I L1 | [34] |
| 1550 | FLOAT | RD | A | Harmonic I L1 | [35] |
| 1552 | FLOAT | RD | A | Harmonic I L1 | [36] |
| 1554 | FLOAT | RD | A | Harmonic I L1 | [37] |
| 1556 | FLOAT | RD | A | Harmonic I L1 | [38] |
| 1558 | FLOAT | RD | A | Harmonic I L1 | [39] |
| 1560 | FLOAT | RD | A | Harmonic I L2 | [0] |
| 1562 | FLOAT | RD | A | Harmonic I L2 | [1] |
| 1564 | FLOAT | RD | A | Harmonic I L2 | [2] |
| 1566 | FLOAT | RD | A | Harmonic I L2 | [3] |
| 1568 | FLOAT | RD | A | Harmonic I L2 | [4] |
| 1570 | FLOAT | RD | A | Harmonic I L2 | [5] |
| 1572 | FLOAT | RD | A | Harmonic I L2 | [6] |
| 1574 | FLOAT | RD | A | Harmonic I L2 | [7] |
| 1576 | FLOAT | RD | A | Harmonic I L2 | [8] |
| 1578 | FLOAT | RD | A | Harmonic I L2 | [9] |
| 1580 | FLOAT | RD | A | Harmonic I L2 | [10] |
| 1582 | FLOAT | RD | A | Harmonic I L2 | [11] |
| 1584 | FLOAT | RD | A | Harmonic I L2 | [12] |
| 1586 | FLOAT | RD | A | Harmonic I L2 | [13] |
| 1588 | FLOAT | RD | A | Harmonic I L2 | [14] |
| 1590 | FLOAT | RD | A | Harmonic I L2 | [15] |
| 1592 | FLOAT | RD | A | Harmonic I L2 | [16] |
| 1594 | FLOAT | RD | A | Harmonic I L2 | [17] |
| 1596 | FLOAT | RD | A | Harmonic I L2 | [18] |
| 1598 | FLOAT | RD | A | Harmonic I L2 | [19] |
| 1600 | FLOAT | RD | A | Harmonic I L2 | [20] |
| 1602 | FLOAT | RD | A | Harmonic I L2 | [21] |
| 1604 | FLOAT | RD | A | Harmonic I L2 | [22] |
| 1606 | FLOAT | RD | A | Harmonic I L2 | [23] |
| 1608 | FLOAT | RD | A | Harmonic I L2 | [24] |
| 1610 | FLOAT | RD | A | Harmonic I L2 | [25] |
| 1612 | FLOAT | RD | A | Harmonic I L2 | [26] |
| 1614 | FLOAT | RD | A | Harmonic I L2 | [27] |
| 1616 | FLOAT | RD | A | Harmonic I L2 | [28] |
| 1618 | FLOAT | RD | A | Harmonic I L2 | [29] |
| 1620 | FLOAT | RD | A | Harmonic I L2 | [30] |
| 1622 | FLOAT | RD | A | Harmonic I L2 | [31] |
| 1624 | FLOAT | RD | A | Harmonic I L2 | [32] |
| 1626 | FLOAT | RD | A | Harmonic I L2 | [33] |
| 1628 | FLOAT | RD | A | Harmonic I L2 | [34] |
| 1630 | FLOAT | RD | A | Harmonic I L2 | [35] |
| 1632 | FLOAT | RD | A | Harmonic I L2 | [36] |
| 1634 | FLOAT | RD | A | Harmonic I L2 | [37] |
| 1636 | FLOAT | RD | A | Harmonic I L2 | [38] |
| 1638 | FLOAT | RD | A | Harmonic I L2 | [39] |
| 1640 | FLOAT | RD | A | Harmonic I L3 | [0] |
| 1642 | FLOAT | RD | A | Harmonic I L3 | [1] |
| 1644 | FLOAT | RD | A | Harmonic I L3 | [2] |
| 1646 | FLOAT | RD | A | Harmonic I L3 | [3] |
| 1648 | FLOAT | RD | A | Harmonic I L3 | [4] |
| 1650 | FLOAT | RD | A | Harmonic I L3 | [5] |
| 1652 | FLOAT | RD | A | Harmonic I L3 | [6] |
| 1654 | FLOAT | RD | A | Harmonic I L3 | [7] |
| 1656 | FLOAT | RD | A | Harmonic I L3 | [8] |
| 1658 | FLOAT | RD | A | Harmonic I L3 | [9] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------|-------|
| 1660 | FLOAT | RD | A | Harmonic I L3 | [10] |
| 1662 | FLOAT | RD | A | Harmonic I L3 | [11] |
| 1664 | FLOAT | RD | A | Harmonic I L3 | [12] |
| 1666 | FLOAT | RD | A | Harmonic I L3 | [13] |
| 1668 | FLOAT | RD | A | Harmonic I L3 | [14] |
| 1670 | FLOAT | RD | A | Harmonic I L3 | [15] |
| 1672 | FLOAT | RD | A | Harmonic I L3 | [16] |
| 1674 | FLOAT | RD | A | Harmonic I L3 | [17] |
| 1676 | FLOAT | RD | A | Harmonic I L3 | [18] |
| 1678 | FLOAT | RD | A | Harmonic I L3 | [19] |
| 1680 | FLOAT | RD | A | Harmonic I L3 | [20] |
| 1682 | FLOAT | RD | A | Harmonic I L3 | [21] |
| 1684 | FLOAT | RD | A | Harmonic I L3 | [22] |
| 1686 | FLOAT | RD | A | Harmonic I L3 | [23] |
| 1688 | FLOAT | RD | A | Harmonic I L3 | [24] |
| 1690 | FLOAT | RD | A | Harmonic I L3 | [25] |
| 1692 | FLOAT | RD | A | Harmonic I L3 | [26] |
| 1694 | FLOAT | RD | A | Harmonic I L3 | [27] |
| 1696 | FLOAT | RD | A | Harmonic I L3 | [28] |
| 1698 | FLOAT | RD | A | Harmonic I L3 | [29] |
| 1700 | FLOAT | RD | A | Harmonic I L3 | [30] |
| 1702 | FLOAT | RD | A | Harmonic I L3 | [31] |
| 1704 | FLOAT | RD | A | Harmonic I L3 | [32] |
| 1706 | FLOAT | RD | A | Harmonic I L3 | [33] |
| 1708 | FLOAT | RD | A | Harmonic I L3 | [34] |
| 1710 | FLOAT | RD | A | Harmonic I L3 | [35] |
| 1712 | FLOAT | RD | A | Harmonic I L3 | [36] |
| 1714 | FLOAT | RD | A | Harmonic I L3 | [37] |
| 1716 | FLOAT | RD | A | Harmonic I L3 | [38] |
| 1718 | FLOAT | RD | A | Harmonic I L3 | [39] |
| 10000 | FLOAT | RD | A | Harmonic I L4 | [0] |
| 10002 | FLOAT | RD | A | Harmonic I L4 | [1] |
| 10004 | FLOAT | RD | A | Harmonic I L4 | [2] |
| 10006 | FLOAT | RD | A | Harmonic I L4 | [3] |
| 10008 | FLOAT | RD | A | Harmonic I L4 | [4] |
| 10010 | FLOAT | RD | A | Harmonic I L4 | [5] |
| 10012 | FLOAT | RD | A | Harmonic I L4 | [6] |
| 10014 | FLOAT | RD | A | Harmonic I L4 | [7] |
| 10016 | FLOAT | RD | A | Harmonic I L4 | [8] |
| 10018 | FLOAT | RD | A | Harmonic I L4 | [9] |
| 10020 | FLOAT | RD | A | Harmonic I L4 | [10] |
| 10022 | FLOAT | RD | A | Harmonic I L4 | [11] |
| 10024 | FLOAT | RD | A | Harmonic I L4 | [12] |
| 10026 | FLOAT | RD | A | Harmonic I L4 | [13] |
| 10028 | FLOAT | RD | A | Harmonic I L4 | [14] |
| 10030 | FLOAT | RD | A | Harmonic I L4 | [15] |
| 10032 | FLOAT | RD | A | Harmonic I L4 | [16] |
| 10034 | FLOAT | RD | A | Harmonic I L4 | [17] |
| 10036 | FLOAT | RD | A | Harmonic I L4 | [18] |
| 10038 | FLOAT | RD | A | Harmonic I L4 | [19] |
| 10040 | FLOAT | RD | A | Harmonic I L4 | [20] |
| 10042 | FLOAT | RD | A | Harmonic I L4 | [21] |
| 10044 | FLOAT | RD | A | Harmonic I L4 | [22] |
| 10046 | FLOAT | RD | A | Harmonic I L4 | [23] |
| 10048 | FLOAT | RD | A | Harmonic I L4 | [24] |
| 10050 | FLOAT | RD | A | Harmonic I L4 | [25] |
| 10052 | FLOAT | RD | A | Harmonic I L4 | [26] |
| 10054 | FLOAT | RD | A | Harmonic I L4 | [27] |
| 10056 | FLOAT | RD | A | Harmonic I L4 | [28] |
| 10058 | FLOAT | RD | A | Harmonic I L4 | [29] |
| 10060 | FLOAT | RD | A | Harmonic I L4 | [30] |
| 10062 | FLOAT | RD | A | Harmonic I L4 | [31] |
| 10064 | FLOAT | RD | A | Harmonic I L4 | [32] |
| 10066 | FLOAT | RD | A | Harmonic I L4 | [33] |
| 10068 | FLOAT | RD | A | Harmonic I L4 | [34] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------|-------|
| 10070 | FLOAT | RD | A | Harmonic I L4 | [35] |
| 10072 | FLOAT | RD | A | Harmonic I L4 | [36] |
| 10074 | FLOAT | RD | A | Harmonic I L4 | [37] |
| 10076 | FLOAT | RD | A | Harmonic I L4 | [38] |
| 10078 | FLOAT | RD | A | Harmonic I L4 | [39] |
| 10881 | FLOAT | RD | A | Harmonic I Diff1 | [0] |
| 10883 | FLOAT | RD | A | Harmonic I Diff1 | [1] |
| 10885 | FLOAT | RD | A | Harmonic I Diff1 | [2] |
| 10887 | FLOAT | RD | A | Harmonic I Diff1 | [3] |
| 10889 | FLOAT | RD | A | Harmonic I Diff1 | [4] |
| 10891 | FLOAT | RD | A | Harmonic I Diff1 | [5] |
| 10893 | FLOAT | RD | A | Harmonic I Diff1 | [6] |
| 10895 | FLOAT | RD | A | Harmonic I Diff1 | [7] |
| 10897 | FLOAT | RD | A | Harmonic I Diff1 | [8] |
| 10899 | FLOAT | RD | A | Harmonic I Diff1 | [9] |
| 10901 | FLOAT | RD | A | Harmonic I Diff1 | [10] |
| 10903 | FLOAT | RD | A | Harmonic I Diff1 | [11] |
| 10905 | FLOAT | RD | A | Harmonic I Diff1 | [12] |
| 10907 | FLOAT | RD | A | Harmonic I Diff1 | [13] |
| 10909 | FLOAT | RD | A | Harmonic I Diff1 | [14] |
| 10911 | FLOAT | RD | A | Harmonic I Diff1 | [15] |
| 10913 | FLOAT | RD | A | Harmonic I Diff1 | [16] |
| 10915 | FLOAT | RD | A | Harmonic I Diff1 | [17] |
| 10917 | FLOAT | RD | A | Harmonic I Diff1 | [18] |
| 10919 | FLOAT | RD | A | Harmonic I Diff1 | [19] |
| 10921 | FLOAT | RD | A | Harmonic I Diff1 | [20] |
| 10923 | FLOAT | RD | A | Harmonic I Diff1 | [21] |
| 10925 | FLOAT | RD | A | Harmonic I Diff1 | [22] |
| 10927 | FLOAT | RD | A | Harmonic I Diff1 | [23] |
| 10929 | FLOAT | RD | A | Harmonic I Diff1 | [24] |
| 10931 | FLOAT | RD | A | Harmonic I Diff1 | [25] |
| 10933 | FLOAT | RD | A | Harmonic I Diff1 | [26] |
| 10935 | FLOAT | RD | A | Harmonic I Diff1 | [27] |
| 10937 | FLOAT | RD | A | Harmonic I Diff1 | [28] |
| 10939 | FLOAT | RD | A | Harmonic I Diff1 | [29] |
| 10941 | FLOAT | RD | A | Harmonic I Diff1 | [30] |
| 10943 | FLOAT | RD | A | Harmonic I Diff1 | [31] |
| 10945 | FLOAT | RD | A | Harmonic I Diff1 | [32] |
| 10947 | FLOAT | RD | A | Harmonic I Diff1 | [33] |
| 10949 | FLOAT | RD | A | Harmonic I Diff1 | [34] |
| 10951 | FLOAT | RD | A | Harmonic I Diff1 | [35] |
| 10953 | FLOAT | RD | A | Harmonic I Diff1 | [36] |
| 10955 | FLOAT | RD | A | Harmonic I Diff1 | [37] |
| 10957 | FLOAT | RD | A | Harmonic I Diff1 | [38] |
| 10959 | FLOAT | RD | A | Harmonic I Diff1 | [39] |
| 10961 | FLOAT | RD | A | Harmonic I Diff2 | [0] |
| 10963 | FLOAT | RD | A | Harmonic I Diff2 | [1] |
| 10965 | FLOAT | RD | A | Harmonic I Diff2 | [2] |
| 10967 | FLOAT | RD | A | Harmonic I Diff2 | [3] |
| 10969 | FLOAT | RD | A | Harmonic I Diff2 | [4] |
| 10971 | FLOAT | RD | A | Harmonic I Diff2 | [5] |
| 10973 | FLOAT | RD | A | Harmonic I Diff2 | [6] |
| 10975 | FLOAT | RD | A | Harmonic I Diff2 | [7] |
| 10977 | FLOAT | RD | A | Harmonic I Diff2 | [8] |
| 10979 | FLOAT | RD | A | Harmonic I Diff2 | [9] |
| 10981 | FLOAT | RD | A | Harmonic I Diff2 | [10] |
| 10983 | FLOAT | RD | A | Harmonic I Diff2 | [11] |
| 10985 | FLOAT | RD | A | Harmonic I Diff2 | [12] |
| 10987 | FLOAT | RD | A | Harmonic I Diff2 | [13] |
| 10989 | FLOAT | RD | A | Harmonic I Diff2 | [14] |
| 10991 | FLOAT | RD | A | Harmonic I Diff2 | [15] |
| 10993 | FLOAT | RD | A | Harmonic I Diff2 | [16] |
| 10995 | FLOAT | RD | A | Harmonic I Diff2 | [17] |
| 10997 | FLOAT | RD | A | Harmonic I Diff2 | [18] |
| 10999 | FLOAT | RD | A | Harmonic I Diff2 | [19] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------|-------|
| 11001 | FLOAT | RD | A | Harmonic I Diff2 | [20] |
| 11003 | FLOAT | RD | A | Harmonic I Diff2 | [21] |
| 11005 | FLOAT | RD | A | Harmonic I Diff2 | [22] |
| 11007 | FLOAT | RD | A | Harmonic I Diff2 | [23] |
| 11009 | FLOAT | RD | A | Harmonic I Diff2 | [24] |
| 11011 | FLOAT | RD | A | Harmonic I Diff2 | [25] |
| 11013 | FLOAT | RD | A | Harmonic I Diff2 | [26] |
| 11015 | FLOAT | RD | A | Harmonic I Diff2 | [27] |
| 11017 | FLOAT | RD | A | Harmonic I Diff2 | [28] |
| 11019 | FLOAT | RD | A | Harmonic I Diff2 | [29] |
| 11021 | FLOAT | RD | A | Harmonic I Diff2 | [30] |
| 11023 | FLOAT | RD | A | Harmonic I Diff2 | [31] |
| 11025 | FLOAT | RD | A | Harmonic I Diff2 | [32] |
| 11027 | FLOAT | RD | A | Harmonic I Diff2 | [33] |
| 11029 | FLOAT | RD | A | Harmonic I Diff2 | [34] |
| 11031 | FLOAT | RD | A | Harmonic I Diff2 | [35] |
| 11033 | FLOAT | RD | A | Harmonic I Diff2 | [36] |
| 11035 | FLOAT | RD | A | Harmonic I Diff2 | [37] |
| 11037 | FLOAT | RD | A | Harmonic I Diff2 | [38] |
| 11039 | FLOAT | RD | A | Harmonic I Diff2 | [39] |

Measured values, type short, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---------------|-------|------------|
| 3536 | SHORT | RD | V | Harmonic U L1 | [0] | 0,1 |
| 3537 | SHORT | RD | V | Harmonic U L1 | [1] | 0,1 |
| 3538 | SHORT | RD | V | Harmonic U L1 | [2] | 0,1 |
| 3539 | SHORT | RD | V | Harmonic U L1 | [3] | 0,1 |
| 3540 | SHORT | RD | V | Harmonic U L1 | [4] | 0,1 |
| 3541 | SHORT | RD | V | Harmonic U L1 | [5] | 0,1 |
| 3542 | SHORT | RD | V | Harmonic U L1 | [6] | 0,1 |
| 3543 | SHORT | RD | V | Harmonic U L1 | [7] | 0,1 |
| 3544 | SHORT | RD | V | Harmonic U L1 | [8] | 0,1 |
| 3545 | SHORT | RD | V | Harmonic U L1 | [9] | 0,1 |
| 3546 | SHORT | RD | V | Harmonic U L1 | [10] | 0,1 |
| 3547 | SHORT | RD | V | Harmonic U L1 | [11] | 0,1 |
| 3548 | SHORT | RD | V | Harmonic U L1 | [12] | 0,1 |
| 3549 | SHORT | RD | V | Harmonic U L1 | [13] | 0,1 |
| 3550 | SHORT | RD | V | Harmonic U L1 | [14] | 0,1 |
| 3551 | SHORT | RD | V | Harmonic U L1 | [15] | 0,1 |
| 3552 | SHORT | RD | V | Harmonic U L1 | [16] | 0,1 |
| 3553 | SHORT | RD | V | Harmonic U L1 | [17] | 0,1 |
| 3554 | SHORT | RD | V | Harmonic U L1 | [18] | 0,1 |
| 3555 | SHORT | RD | V | Harmonic U L1 | [19] | 0,1 |
| 3556 | SHORT | RD | V | Harmonic U L1 | [20] | 0,1 |
| 3557 | SHORT | RD | V | Harmonic U L1 | [21] | 0,1 |
| 3558 | SHORT | RD | V | Harmonic U L1 | [22] | 0,1 |
| 3559 | SHORT | RD | V | Harmonic U L1 | [23] | 0,1 |
| 3560 | SHORT | RD | V | Harmonic U L1 | [24] | 0,1 |
| 3561 | SHORT | RD | V | Harmonic U L1 | [25] | 0,1 |
| 3562 | SHORT | RD | V | Harmonic U L1 | [26] | 0,1 |
| 3563 | SHORT | RD | V | Harmonic U L1 | [27] | 0,1 |
| 3564 | SHORT | RD | V | Harmonic U L1 | [28] | 0,1 |
| 3565 | SHORT | RD | V | Harmonic U L1 | [29] | 0,1 |
| 3566 | SHORT | RD | V | Harmonic U L1 | [30] | 0,1 |
| 3567 | SHORT | RD | V | Harmonic U L1 | [31] | 0,1 |
| 3568 | SHORT | RD | V | Harmonic U L1 | [32] | 0,1 |
| 3569 | SHORT | RD | V | Harmonic U L1 | [33] | 0,1 |
| 3570 | SHORT | RD | V | Harmonic U L1 | [34] | 0,1 |
| 3571 | SHORT | RD | V | Harmonic U L1 | [35] | 0,1 |
| 3572 | SHORT | RD | V | Harmonic U L1 | [36] | 0,1 |
| 3573 | SHORT | RD | V | Harmonic U L1 | [37] | 0,1 |
| 3574 | SHORT | RD | V | Harmonic U L1 | [38] | 0,1 |
| 3575 | SHORT | RD | V | Harmonic U L1 | [39] | 0,1 |
| 3576 | SHORT | RD | V | Harmonic U L2 | [0] | 0,1 |
| 3577 | SHORT | RD | V | Harmonic U L2 | [1] | 0,1 |
| 3578 | SHORT | RD | V | Harmonic U L2 | [2] | 0,1 |
| 3579 | SHORT | RD | V | Harmonic U L2 | [3] | 0,1 |
| 3580 | SHORT | RD | V | Harmonic U L2 | [4] | 0,1 |
| 3581 | SHORT | RD | V | Harmonic U L2 | [5] | 0,1 |
| 3582 | SHORT | RD | V | Harmonic U L2 | [6] | 0,1 |
| 3583 | SHORT | RD | V | Harmonic U L2 | [7] | 0,1 |
| 3584 | SHORT | RD | V | Harmonic U L2 | [8] | 0,1 |
| 3585 | SHORT | RD | V | Harmonic U L2 | [9] | 0,1 |
| 3586 | SHORT | RD | V | Harmonic U L2 | [10] | 0,1 |
| 3587 | SHORT | RD | V | Harmonic U L2 | [11] | 0,1 |
| 3588 | SHORT | RD | V | Harmonic U L2 | [12] | 0,1 |
| 3589 | SHORT | RD | V | Harmonic U L2 | [13] | 0,1 |
| 3590 | SHORT | RD | V | Harmonic U L2 | [14] | 0,1 |
| 3591 | SHORT | RD | V | Harmonic U L2 | [15] | 0,1 |
| 3592 | SHORT | RD | V | Harmonic U L2 | [16] | 0,1 |
| 3593 | SHORT | RD | V | Harmonic U L2 | [17] | 0,1 |
| 3594 | SHORT | RD | V | Harmonic U L2 | [18] | 0,1 |
| 3595 | SHORT | RD | V | Harmonic U L2 | [19] | 0,1 |
| 3596 | SHORT | RD | V | Harmonic U L2 | [20] | 0,1 |
| 3597 | SHORT | RD | V | Harmonic U L2 | [21] | 0,1 |
| 3598 | SHORT | RD | V | Harmonic U L2 | [22] | 0,1 |
| 3599 | SHORT | RD | V | Harmonic U L2 | [23] | 0,1 |
| 3600 | SHORT | RD | V | Harmonic U L2 | [24] | 0,1 |
| 3601 | SHORT | RD | V | Harmonic U L2 | [25] | 0,1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------|-------|------------|
| 3602 | SHORT | RD | V | Harmonic U L2 | [26] | 0,1 |
| 3603 | SHORT | RD | V | Harmonic U L2 | [27] | 0,1 |
| 3604 | SHORT | RD | V | Harmonic U L2 | [28] | 0,1 |
| 3605 | SHORT | RD | V | Harmonic U L2 | [29] | 0,1 |
| 3606 | SHORT | RD | V | Harmonic U L2 | [30] | 0,1 |
| 3607 | SHORT | RD | V | Harmonic U L2 | [31] | 0,1 |
| 3608 | SHORT | RD | V | Harmonic U L2 | [32] | 0,1 |
| 3609 | SHORT | RD | V | Harmonic U L2 | [33] | 0,1 |
| 3610 | SHORT | RD | V | Harmonic U L2 | [34] | 0,1 |
| 3611 | SHORT | RD | V | Harmonic U L2 | [35] | 0,1 |
| 3612 | SHORT | RD | V | Harmonic U L2 | [36] | 0,1 |
| 3613 | SHORT | RD | V | Harmonic U L2 | [37] | 0,1 |
| 3614 | SHORT | RD | V | Harmonic U L2 | [38] | 0,1 |
| 3615 | SHORT | RD | V | Harmonic U L2 | [39] | 0,1 |
| 3616 | SHORT | RD | V | Harmonic U L3 | [0] | 0,1 |
| 3617 | SHORT | RD | V | Harmonic U L3 | [1] | 0,1 |
| 3618 | SHORT | RD | V | Harmonic U L3 | [2] | 0,1 |
| 3619 | SHORT | RD | V | Harmonic U L3 | [3] | 0,1 |
| 3620 | SHORT | RD | V | Harmonic U L3 | [4] | 0,1 |
| 3621 | SHORT | RD | V | Harmonic U L3 | [5] | 0,1 |
| 3622 | SHORT | RD | V | Harmonic U L3 | [6] | 0,1 |
| 3623 | SHORT | RD | V | Harmonic U L3 | [7] | 0,1 |
| 3624 | SHORT | RD | V | Harmonic U L3 | [8] | 0,1 |
| 3625 | SHORT | RD | V | Harmonic U L3 | [9] | 0,1 |
| 3626 | SHORT | RD | V | Harmonic U L3 | [10] | 0,1 |
| 3627 | SHORT | RD | V | Harmonic U L3 | [11] | 0,1 |
| 3628 | SHORT | RD | V | Harmonic U L3 | [12] | 0,1 |
| 3629 | SHORT | RD | V | Harmonic U L3 | [13] | 0,1 |
| 3630 | SHORT | RD | V | Harmonic U L3 | [14] | 0,1 |
| 3631 | SHORT | RD | V | Harmonic U L3 | [15] | 0,1 |
| 3632 | SHORT | RD | V | Harmonic U L3 | [16] | 0,1 |
| 3633 | SHORT | RD | V | Harmonic U L3 | [17] | 0,1 |
| 3634 | SHORT | RD | V | Harmonic U L3 | [18] | 0,1 |
| 3635 | SHORT | RD | V | Harmonic U L3 | [19] | 0,1 |
| 3636 | SHORT | RD | V | Harmonic U L3 | [20] | 0,1 |
| 3637 | SHORT | RD | V | Harmonic U L3 | [21] | 0,1 |
| 3638 | SHORT | RD | V | Harmonic U L3 | [22] | 0,1 |
| 3639 | SHORT | RD | V | Harmonic U L3 | [23] | 0,1 |
| 3640 | SHORT | RD | V | Harmonic U L3 | [24] | 0,1 |
| 3641 | SHORT | RD | V | Harmonic U L3 | [25] | 0,1 |
| 3642 | SHORT | RD | V | Harmonic U L3 | [26] | 0,1 |
| 3643 | SHORT | RD | V | Harmonic U L3 | [27] | 0,1 |
| 3644 | SHORT | RD | V | Harmonic U L3 | [28] | 0,1 |
| 3645 | SHORT | RD | V | Harmonic U L3 | [29] | 0,1 |
| 3646 | SHORT | RD | V | Harmonic U L3 | [30] | 0,1 |
| 3647 | SHORT | RD | V | Harmonic U L3 | [31] | 0,1 |
| 3648 | SHORT | RD | V | Harmonic U L3 | [32] | 0,1 |
| 3649 | SHORT | RD | V | Harmonic U L3 | [33] | 0,1 |
| 3650 | SHORT | RD | V | Harmonic U L3 | [34] | 0,1 |
| 3651 | SHORT | RD | V | Harmonic U L3 | [35] | 0,1 |
| 3652 | SHORT | RD | V | Harmonic U L3 | [36] | 0,1 |
| 3653 | SHORT | RD | V | Harmonic U L3 | [37] | 0,1 |
| 3654 | SHORT | RD | V | Harmonic U L3 | [38] | 0,1 |
| 3655 | SHORT | RD | V | Harmonic U L3 | [39] | 0,1 |
| 3656 | SHORT | RD | V | Harmonic U L1-L2 | [0] | 0,1 |
| 3657 | SHORT | RD | V | Harmonic U L1-L2 | [1] | 0,1 |
| 3658 | SHORT | RD | V | Harmonic U L1-L2 | [2] | 0,1 |
| 3659 | SHORT | RD | V | Harmonic U L1-L2 | [3] | 0,1 |
| 3660 | SHORT | RD | V | Harmonic U L1-L2 | [4] | 0,1 |
| 3661 | SHORT | RD | V | Harmonic U L1-L2 | [5] | 0,1 |
| 3662 | SHORT | RD | V | Harmonic U L1-L2 | [6] | 0,1 |
| 3663 | SHORT | RD | V | Harmonic U L1-L2 | [7] | 0,1 |
| 3664 | SHORT | RD | V | Harmonic U L1-L2 | [8] | 0,1 |
| 3665 | SHORT | RD | V | Harmonic U L1-L2 | [9] | 0,1 |
| 3666 | SHORT | RD | V | Harmonic U L1-L2 | [10] | 0,1 |
| 3667 | SHORT | RD | V | Harmonic U L1-L2 | [11] | 0,1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------|-------|------------|
| 3668 | SHORT | RD | V | Harmonic U L1-L2 | [12] | 0,1 |
| 3669 | SHORT | RD | V | Harmonic U L1-L2 | [13] | 0,1 |
| 3670 | SHORT | RD | V | Harmonic U L1-L2 | [14] | 0,1 |
| 3671 | SHORT | RD | V | Harmonic U L1-L2 | [15] | 0,1 |
| 3672 | SHORT | RD | V | Harmonic U L1-L2 | [16] | 0,1 |
| 3673 | SHORT | RD | V | Harmonic U L1-L2 | [17] | 0,1 |
| 3674 | SHORT | RD | V | Harmonic U L1-L2 | [18] | 0,1 |
| 3675 | SHORT | RD | V | Harmonic U L1-L2 | [19] | 0,1 |
| 3676 | SHORT | RD | V | Harmonic U L1-L2 | [20] | 0,1 |
| 3677 | SHORT | RD | V | Harmonic U L1-L2 | [21] | 0,1 |
| 3678 | SHORT | RD | V | Harmonic U L1-L2 | [22] | 0,1 |
| 3679 | SHORT | RD | V | Harmonic U L1-L2 | [23] | 0,1 |
| 3680 | SHORT | RD | V | Harmonic U L1-L2 | [24] | 0,1 |
| 3681 | SHORT | RD | V | Harmonic U L1-L2 | [25] | 0,1 |
| 3682 | SHORT | RD | V | Harmonic U L1-L2 | [26] | 0,1 |
| 3683 | SHORT | RD | V | Harmonic U L1-L2 | [27] | 0,1 |
| 3684 | SHORT | RD | V | Harmonic U L1-L2 | [28] | 0,1 |
| 3685 | SHORT | RD | V | Harmonic U L1-L2 | [29] | 0,1 |
| 3686 | SHORT | RD | V | Harmonic U L1-L2 | [30] | 0,1 |
| 3687 | SHORT | RD | V | Harmonic U L1-L2 | [31] | 0,1 |
| 3688 | SHORT | RD | V | Harmonic U L1-L2 | [32] | 0,1 |
| 3689 | SHORT | RD | V | Harmonic U L1-L2 | [33] | 0,1 |
| 3690 | SHORT | RD | V | Harmonic U L1-L2 | [34] | 0,1 |
| 3691 | SHORT | RD | V | Harmonic U L1-L2 | [35] | 0,1 |
| 3692 | SHORT | RD | V | Harmonic U L1-L2 | [36] | 0,1 |
| 3693 | SHORT | RD | V | Harmonic U L1-L2 | [37] | 0,1 |
| 3694 | SHORT | RD | V | Harmonic U L1-L2 | [38] | 0,1 |
| 3695 | SHORT | RD | V | Harmonic U L1-L2 | [39] | 0,1 |
| 3696 | SHORT | RD | V | Harmonic U L2-L3 | [0] | 0,1 |
| 3697 | SHORT | RD | V | Harmonic U L2-L3 | [1] | 0,1 |
| 3698 | SHORT | RD | V | Harmonic U L2-L3 | [2] | 0,1 |
| 3699 | SHORT | RD | V | Harmonic U L2-L3 | [3] | 0,1 |
| 3700 | SHORT | RD | V | Harmonic U L2-L3 | [4] | 0,1 |
| 3701 | SHORT | RD | V | Harmonic U L2-L3 | [5] | 0,1 |
| 3702 | SHORT | RD | V | Harmonic U L2-L3 | [6] | 0,1 |
| 3703 | SHORT | RD | V | Harmonic U L2-L3 | [7] | 0,1 |
| 3704 | SHORT | RD | V | Harmonic U L2-L3 | [8] | 0,1 |
| 3705 | SHORT | RD | V | Harmonic U L2-L3 | [9] | 0,1 |
| 3706 | SHORT | RD | V | Harmonic U L2-L3 | [10] | 0,1 |
| 3707 | SHORT | RD | V | Harmonic U L2-L3 | [11] | 0,1 |
| 3708 | SHORT | RD | V | Harmonic U L2-L3 | [12] | 0,1 |
| 3709 | SHORT | RD | V | Harmonic U L2-L3 | [13] | 0,1 |
| 3710 | SHORT | RD | V | Harmonic U L2-L3 | [14] | 0,1 |
| 3711 | SHORT | RD | V | Harmonic U L2-L3 | [15] | 0,1 |
| 3712 | SHORT | RD | V | Harmonic U L2-L3 | [16] | 0,1 |
| 3713 | SHORT | RD | V | Harmonic U L2-L3 | [17] | 0,1 |
| 3714 | SHORT | RD | V | Harmonic U L2-L3 | [18] | 0,1 |
| 3715 | SHORT | RD | V | Harmonic U L2-L3 | [19] | 0,1 |
| 3716 | SHORT | RD | V | Harmonic U L2-L3 | [20] | 0,1 |
| 3717 | SHORT | RD | V | Harmonic U L2-L3 | [21] | 0,1 |
| 3718 | SHORT | RD | V | Harmonic U L2-L3 | [22] | 0,1 |
| 3719 | SHORT | RD | V | Harmonic U L2-L3 | [23] | 0,1 |
| 3720 | SHORT | RD | V | Harmonic U L2-L3 | [24] | 0,1 |
| 3721 | SHORT | RD | V | Harmonic U L2-L3 | [25] | 0,1 |
| 3722 | SHORT | RD | V | Harmonic U L2-L3 | [26] | 0,1 |
| 3723 | SHORT | RD | V | Harmonic U L2-L3 | [27] | 0,1 |
| 3724 | SHORT | RD | V | Harmonic U L2-L3 | [28] | 0,1 |
| 3725 | SHORT | RD | V | Harmonic U L2-L3 | [29] | 0,1 |
| 3726 | SHORT | RD | V | Harmonic U L2-L3 | [30] | 0,1 |
| 3727 | SHORT | RD | V | Harmonic U L2-L3 | [31] | 0,1 |
| 3728 | SHORT | RD | V | Harmonic U L2-L3 | [32] | 0,1 |
| 3729 | SHORT | RD | V | Harmonic U L2-L3 | [33] | 0,1 |
| 3730 | SHORT | RD | V | Harmonic U L2-L3 | [34] | 0,1 |
| 3731 | SHORT | RD | V | Harmonic U L2-L3 | [35] | 0,1 |
| 3732 | SHORT | RD | V | Harmonic U L2-L3 | [36] | 0,1 |
| 3733 | SHORT | RD | V | Harmonic U L2-L3 | [37] | 0,1 |

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|---------|--------|-------|------|------------------|-------|------------|
| 3734 | SHORT | RD | V | Harmonic U L2-L3 | [38] | 0,1 |
| 3735 | SHORT | RD | V | Harmonic U L2-L3 | [39] | 0,1 |
| 3736 | SHORT | RD | V | Harmonic U L3-L1 | [0] | 0,1 |
| 3737 | SHORT | RD | V | Harmonic U L3-L1 | [1] | 0,1 |
| 3738 | SHORT | RD | V | Harmonic U L3-L1 | [2] | 0,1 |
| 3739 | SHORT | RD | V | Harmonic U L3-L1 | [3] | 0,1 |
| 3740 | SHORT | RD | V | Harmonic U L3-L1 | [4] | 0,1 |
| 3741 | SHORT | RD | V | Harmonic U L3-L1 | [5] | 0,1 |
| 3742 | SHORT | RD | V | Harmonic U L3-L1 | [6] | 0,1 |
| 3743 | SHORT | RD | V | Harmonic U L3-L1 | [7] | 0,1 |
| 3744 | SHORT | RD | V | Harmonic U L3-L1 | [8] | 0,1 |
| 3745 | SHORT | RD | V | Harmonic U L3-L1 | [9] | 0,1 |
| 3746 | SHORT | RD | V | Harmonic U L3-L1 | [10] | 0,1 |
| 3747 | SHORT | RD | V | Harmonic U L3-L1 | [11] | 0,1 |
| 3748 | SHORT | RD | V | Harmonic U L3-L1 | [12] | 0,1 |
| 3749 | SHORT | RD | V | Harmonic U L3-L1 | [13] | 0,1 |
| 3750 | SHORT | RD | V | Harmonic U L3-L1 | [14] | 0,1 |
| 3751 | SHORT | RD | V | Harmonic U L3-L1 | [15] | 0,1 |
| 3752 | SHORT | RD | V | Harmonic U L3-L1 | [16] | 0,1 |
| 3753 | SHORT | RD | V | Harmonic U L3-L1 | [17] | 0,1 |
| 3754 | SHORT | RD | V | Harmonic U L3-L1 | [18] | 0,1 |
| 3755 | SHORT | RD | V | Harmonic U L3-L1 | [19] | 0,1 |
| 3756 | SHORT | RD | V | Harmonic U L3-L1 | [20] | 0,1 |
| 3757 | SHORT | RD | V | Harmonic U L3-L1 | [21] | 0,1 |
| 3758 | SHORT | RD | V | Harmonic U L3-L1 | [22] | 0,1 |
| 3759 | SHORT | RD | V | Harmonic U L3-L1 | [23] | 0,1 |
| 3760 | SHORT | RD | V | Harmonic U L3-L1 | [24] | 0,1 |
| 3761 | SHORT | RD | V | Harmonic U L3-L1 | [25] | 0,1 |
| 3762 | SHORT | RD | V | Harmonic U L3-L1 | [26] | 0,1 |
| 3763 | SHORT | RD | V | Harmonic U L3-L1 | [27] | 0,1 |
| 3764 | SHORT | RD | V | Harmonic U L3-L1 | [28] | 0,1 |
| 3765 | SHORT | RD | V | Harmonic U L3-L1 | [29] | 0,1 |
| 3766 | SHORT | RD | V | Harmonic U L3-L1 | [30] | 0,1 |
| 3767 | SHORT | RD | V | Harmonic U L3-L1 | [31] | 0,1 |
| 3768 | SHORT | RD | V | Harmonic U L3-L1 | [32] | 0,1 |
| 3769 | SHORT | RD | V | Harmonic U L3-L1 | [33] | 0,1 |
| 3770 | SHORT | RD | V | Harmonic U L3-L1 | [34] | 0,1 |
| 3771 | SHORT | RD | V | Harmonic U L3-L1 | [35] | 0,1 |
| 3772 | SHORT | RD | V | Harmonic U L3-L1 | [36] | 0,1 |
| 3773 | SHORT | RD | V | Harmonic U L3-L1 | [37] | 0,1 |
| 3774 | SHORT | RD | V | Harmonic U L3-L1 | [38] | 0,1 |
| 3775 | SHORT | RD | V | Harmonic U L3-L1 | [39] | 0,1 |
| 3796 | SHORT | RD | mA | Harmonic I L1 | [0] | 1 |
| 3797 | SHORT | RD | mA | Harmonic I L1 | [1] | 1 |
| 3798 | SHORT | RD | mA | Harmonic I L1 | [2] | 1 |
| 3799 | SHORT | RD | mA | Harmonic I L1 | [3] | 1 |
| 3800 | SHORT | RD | mA | Harmonic I L1 | [4] | 1 |
| 3801 | SHORT | RD | mA | Harmonic I L1 | [5] | 1 |
| 3802 | SHORT | RD | mA | Harmonic I L1 | [6] | 1 |
| 3803 | SHORT | RD | mA | Harmonic I L1 | [7] | 1 |
| 3804 | SHORT | RD | mA | Harmonic I L1 | [8] | 1 |
| 3805 | SHORT | RD | mA | Harmonic I L1 | [9] | 1 |
| 3806 | SHORT | RD | mA | Harmonic I L1 | [10] | 1 |
| 3807 | SHORT | RD | mA | Harmonic I L1 | [11] | 1 |
| 3808 | SHORT | RD | mA | Harmonic I L1 | [12] | 1 |
| 3809 | SHORT | RD | mA | Harmonic I L1 | [13] | 1 |
| 3810 | SHORT | RD | mA | Harmonic I L1 | [14] | 1 |
| 3811 | SHORT | RD | mA | Harmonic I L1 | [15] | 1 |
| 3812 | SHORT | RD | mA | Harmonic I L1 | [16] | 1 |
| 3813 | SHORT | RD | mA | Harmonic I L1 | [17] | 1 |
| 3814 | SHORT | RD | mA | Harmonic I L1 | [18] | 1 |
| 3815 | SHORT | RD | mA | Harmonic I L1 | [19] | 1 |
| 3816 | SHORT | RD | mA | Harmonic I L1 | [20] | 1 |
| 3817 | SHORT | RD | mA | Harmonic I L1 | [21] | 1 |
| 3818 | SHORT | RD | mA | Harmonic I L1 | [22] | 1 |
| 3819 | SHORT | RD | mA | Harmonic I L1 | [23] | 1 |

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| 3820 | SHORT | RD | mA | Harmonic I L1 | [24] | 1 |
| 3821 | SHORT | RD | mA | Harmonic I L1 | [25] | 1 |
| 3822 | SHORT | RD | mA | Harmonic I L1 | [26] | 1 |
| 3823 | SHORT | RD | mA | Harmonic I L1 | [27] | 1 |
| 3824 | SHORT | RD | mA | Harmonic I L1 | [28] | 1 |
| 3825 | SHORT | RD | mA | Harmonic I L1 | [29] | 1 |
| 3826 | SHORT | RD | mA | Harmonic I L1 | [30] | 1 |
| 3827 | SHORT | RD | mA | Harmonic I L1 | [31] | 1 |
| 3828 | SHORT | RD | mA | Harmonic I L1 | [32] | 1 |
| 3829 | SHORT | RD | mA | Harmonic I L1 | [33] | 1 |
| 3830 | SHORT | RD | mA | Harmonic I L1 | [34] | 1 |
| 3831 | SHORT | RD | mA | Harmonic I L1 | [35] | 1 |
| 3832 | SHORT | RD | mA | Harmonic I L1 | [36] | 1 |
| 3833 | SHORT | RD | mA | Harmonic I L1 | [37] | 1 |
| 3834 | SHORT | RD | mA | Harmonic I L1 | [38] | 1 |
| 3835 | SHORT | RD | mA | Harmonic I L1 | [39] | 1 |
| 3836 | SHORT | RD | mA | Harmonic I L2 | [0] | 1 |
| 3837 | SHORT | RD | mA | Harmonic I L2 | [1] | 1 |
| 3838 | SHORT | RD | mA | Harmonic I L2 | [2] | 1 |
| 3839 | SHORT | RD | mA | Harmonic I L2 | [3] | 1 |
| 3840 | SHORT | RD | mA | Harmonic I L2 | [4] | 1 |
| 3841 | SHORT | RD | mA | Harmonic I L2 | [5] | 1 |
| 3842 | SHORT | RD | mA | Harmonic I L2 | [6] | 1 |
| 3843 | SHORT | RD | mA | Harmonic I L2 | [7] | 1 |
| 3844 | SHORT | RD | mA | Harmonic I L2 | [8] | 1 |
| 3845 | SHORT | RD | mA | Harmonic I L2 | [9] | 1 |
| 3846 | SHORT | RD | mA | Harmonic I L2 | [10] | 1 |
| 3847 | SHORT | RD | mA | Harmonic I L2 | [11] | 1 |
| 3848 | SHORT | RD | mA | Harmonic I L2 | [12] | 1 |
| 3849 | SHORT | RD | mA | Harmonic I L2 | [13] | 1 |
| 3850 | SHORT | RD | mA | Harmonic I L2 | [14] | 1 |
| 3851 | SHORT | RD | mA | Harmonic I L2 | [15] | 1 |
| 3852 | SHORT | RD | mA | Harmonic I L2 | [16] | 1 |
| 3853 | SHORT | RD | mA | Harmonic I L2 | [17] | 1 |
| 3854 | SHORT | RD | mA | Harmonic I L2 | [18] | 1 |
| 3855 | SHORT | RD | mA | Harmonic I L2 | [19] | 1 |
| 3856 | SHORT | RD | mA | Harmonic I L2 | [20] | 1 |
| 3857 | SHORT | RD | mA | Harmonic I L2 | [21] | 1 |
| 3858 | SHORT | RD | mA | Harmonic I L2 | [22] | 1 |
| 3859 | SHORT | RD | mA | Harmonic I L2 | [23] | 1 |
| 3860 | SHORT | RD | mA | Harmonic I L2 | [24] | 1 |
| 3861 | SHORT | RD | mA | Harmonic I L2 | [25] | 1 |
| 3862 | SHORT | RD | mA | Harmonic I L2 | [26] | 1 |
| 3863 | SHORT | RD | mA | Harmonic I L2 | [27] | 1 |
| 3864 | SHORT | RD | mA | Harmonic I L2 | [28] | 1 |
| 3865 | SHORT | RD | mA | Harmonic I L2 | [29] | 1 |
| 3866 | SHORT | RD | mA | Harmonic I L2 | [30] | 1 |
| 3867 | SHORT | RD | mA | Harmonic I L2 | [31] | 1 |
| 3868 | SHORT | RD | mA | Harmonic I L2 | [32] | 1 |
| 3869 | SHORT | RD | mA | Harmonic I L2 | [33] | 1 |
| 3870 | SHORT | RD | mA | Harmonic I L2 | [34] | 1 |
| 3871 | SHORT | RD | mA | Harmonic I L2 | [35] | 1 |
| 3872 | SHORT | RD | mA | Harmonic I L2 | [36] | 1 |
| 3873 | SHORT | RD | mA | Harmonic I L2 | [37] | 1 |
| 3874 | SHORT | RD | mA | Harmonic I L2 | [38] | 1 |
| 3875 | SHORT | RD | mA | Harmonic I L2 | [39] | 1 |
| 3876 | SHORT | RD | mA | Harmonic I L3 | [0] | 1 |
| 3877 | SHORT | RD | mA | Harmonic I L3 | [1] | 1 |
| 3878 | SHORT | RD | mA | Harmonic I L3 | [2] | 1 |
| 3879 | SHORT | RD | mA | Harmonic I L3 | [3] | 1 |
| 3880 | SHORT | RD | mA | Harmonic I L3 | [4] | 1 |
| 3881 | SHORT | RD | mA | Harmonic I L3 | [5] | 1 |
| 3882 | SHORT | RD | mA | Harmonic I L3 | [6] | 1 |
| 3883 | SHORT | RD | mA | Harmonic I L3 | [7] | 1 |
| 3884 | SHORT | RD | mA | Harmonic I L3 | [8] | 1 |
| 3885 | SHORT | RD | mA | Harmonic I L3 | [9] | 1 |

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| 3886 | SHORT | RD | mA | Harmonic I L3 | [10] | 1 |
| 3887 | SHORT | RD | mA | Harmonic I L3 | [11] | 1 |
| 3888 | SHORT | RD | mA | Harmonic I L3 | [12] | 1 |
| 3889 | SHORT | RD | mA | Harmonic I L3 | [13] | 1 |
| 3890 | SHORT | RD | mA | Harmonic I L3 | [14] | 1 |
| 3891 | SHORT | RD | mA | Harmonic I L3 | [15] | 1 |
| 3892 | SHORT | RD | mA | Harmonic I L3 | [16] | 1 |
| 3893 | SHORT | RD | mA | Harmonic I L3 | [17] | 1 |
| 3894 | SHORT | RD | mA | Harmonic I L3 | [18] | 1 |
| 3895 | SHORT | RD | mA | Harmonic I L3 | [19] | 1 |
| 3896 | SHORT | RD | mA | Harmonic I L3 | [20] | 1 |
| 3897 | SHORT | RD | mA | Harmonic I L3 | [21] | 1 |
| 3898 | SHORT | RD | mA | Harmonic I L3 | [22] | 1 |
| 3899 | SHORT | RD | mA | Harmonic I L3 | [23] | 1 |
| 3900 | SHORT | RD | mA | Harmonic I L3 | [24] | 1 |
| 3901 | SHORT | RD | mA | Harmonic I L3 | [25] | 1 |
| 3902 | SHORT | RD | mA | Harmonic I L3 | [26] | 1 |
| 3903 | SHORT | RD | mA | Harmonic I L3 | [27] | 1 |
| 3904 | SHORT | RD | mA | Harmonic I L3 | [28] | 1 |
| 3905 | SHORT | RD | mA | Harmonic I L3 | [29] | 1 |
| 3906 | SHORT | RD | mA | Harmonic I L3 | [30] | 1 |
| 3907 | SHORT | RD | mA | Harmonic I L3 | [31] | 1 |
| 3908 | SHORT | RD | mA | Harmonic I L3 | [32] | 1 |
| 3909 | SHORT | RD | mA | Harmonic I L3 | [33] | 1 |
| 3910 | SHORT | RD | mA | Harmonic I L3 | [34] | 1 |
| 3911 | SHORT | RD | mA | Harmonic I L3 | [35] | 1 |
| 3912 | SHORT | RD | mA | Harmonic I L3 | [36] | 1 |
| 3913 | SHORT | RD | mA | Harmonic I L3 | [37] | 1 |
| 3914 | SHORT | RD | mA | Harmonic I L3 | [38] | 1 |
| 3915 | SHORT | RD | mA | Harmonic I L3 | [39] | 1 |
| 10730 | SHORT | RD | mA | Harmonic I L4 | [0] | 1 |
| 10731 | SHORT | RD | mA | Harmonic I L4 | [1] | 1 |
| 10732 | SHORT | RD | mA | Harmonic I L4 | [2] | 1 |
| 10733 | SHORT | RD | mA | Harmonic I L4 | [3] | 1 |
| 10734 | SHORT | RD | mA | Harmonic I L4 | [4] | 1 |
| 10735 | SHORT | RD | mA | Harmonic I L4 | [5] | 1 |
| 10736 | SHORT | RD | mA | Harmonic I L4 | [6] | 1 |
| 10737 | SHORT | RD | mA | Harmonic I L4 | [7] | 1 |
| 10738 | SHORT | RD | mA | Harmonic I L4 | [8] | 1 |
| 10739 | SHORT | RD | mA | Harmonic I L4 | [9] | 1 |
| 10740 | SHORT | RD | mA | Harmonic I L4 | [10] | 1 |
| 10741 | SHORT | RD | mA | Harmonic I L4 | [11] | 1 |
| 10742 | SHORT | RD | mA | Harmonic I L4 | [12] | 1 |
| 10743 | SHORT | RD | mA | Harmonic I L4 | [13] | 1 |
| 10744 | SHORT | RD | mA | Harmonic I L4 | [14] | 1 |
| 10745 | SHORT | RD | mA | Harmonic I L4 | [15] | 1 |
| 10746 | SHORT | RD | mA | Harmonic I L4 | [16] | 1 |
| 10747 | SHORT | RD | mA | Harmonic I L4 | [17] | 1 |
| 10748 | SHORT | RD | mA | Harmonic I L4 | [18] | 1 |
| 10749 | SHORT | RD | mA | Harmonic I L4 | [19] | 1 |
| 10750 | SHORT | RD | mA | Harmonic I L4 | [20] | 1 |
| 10751 | SHORT | RD | mA | Harmonic I L4 | [21] | 1 |
| 10752 | SHORT | RD | mA | Harmonic I L4 | [22] | 1 |
| 10753 | SHORT | RD | mA | Harmonic I L4 | [23] | 1 |
| 10754 | SHORT | RD | mA | Harmonic I L4 | [24] | 1 |
| 10755 | SHORT | RD | mA | Harmonic I L4 | [25] | 1 |
| 10756 | SHORT | RD | mA | Harmonic I L4 | [26] | 1 |
| 10757 | SHORT | RD | mA | Harmonic I L4 | [27] | 1 |
| 10758 | SHORT | RD | mA | Harmonic I L4 | [28] | 1 |
| 10759 | SHORT | RD | mA | Harmonic I L4 | [29] | 1 |
| 10760 | SHORT | RD | mA | Harmonic I L4 | [30] | 1 |
| 10761 | SHORT | RD | mA | Harmonic I L4 | [31] | 1 |
| 10762 | SHORT | RD | mA | Harmonic I L4 | [32] | 1 |
| 10763 | SHORT | RD | mA | Harmonic I L4 | [33] | 1 |
| 10764 | SHORT | RD | mA | Harmonic I L4 | [34] | 1 |

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| 10765 | SHORT | RD | mA | Harmonic I L4 | [35] | 1 |
| 10766 | SHORT | RD | mA | Harmonic I L4 | [36] | 1 |
| 10767 | SHORT | RD | mA | Harmonic I L4 | [37] | 1 |
| 10768 | SHORT | RD | mA | Harmonic I L4 | [38] | 1 |
| 10769 | SHORT | RD | mA | Harmonic I L4 | [39] | 1 |
| 11281 | SHORT | RD | mA | Harmonic I Diff1 | [0] | 1 |
| 11282 | SHORT | RD | mA | Harmonic I Diff1 | [1] | 1 |
| 11283 | SHORT | RD | mA | Harmonic I Diff1 | [2] | 1 |
| 11284 | SHORT | RD | mA | Harmonic I Diff1 | [3] | 1 |
| 11285 | SHORT | RD | mA | Harmonic I Diff1 | [4] | 1 |
| 11286 | SHORT | RD | mA | Harmonic I Diff1 | [5] | 1 |
| 11287 | SHORT | RD | mA | Harmonic I Diff1 | [6] | 1 |
| 11288 | SHORT | RD | mA | Harmonic I Diff1 | [7] | 1 |
| 11289 | SHORT | RD | mA | Harmonic I Diff1 | [8] | 1 |
| 11290 | SHORT | RD | mA | Harmonic I Diff1 | [9] | 1 |
| 11291 | SHORT | RD | mA | Harmonic I Diff1 | [10] | 1 |
| 11292 | SHORT | RD | mA | Harmonic I Diff1 | [11] | 1 |
| 11293 | SHORT | RD | mA | Harmonic I Diff1 | [12] | 1 |
| 11294 | SHORT | RD | mA | Harmonic I Diff1 | [13] | 1 |
| 11295 | SHORT | RD | mA | Harmonic I Diff1 | [14] | 1 |
| 11296 | SHORT | RD | mA | Harmonic I Diff1 | [15] | 1 |
| 11297 | SHORT | RD | mA | Harmonic I Diff1 | [16] | 1 |
| 11298 | SHORT | RD | mA | Harmonic I Diff1 | [17] | 1 |
| 11299 | SHORT | RD | mA | Harmonic I Diff1 | [18] | 1 |
| 11300 | SHORT | RD | mA | Harmonic I Diff1 | [19] | 1 |
| 11301 | SHORT | RD | mA | Harmonic I Diff1 | [20] | 1 |
| 11302 | SHORT | RD | mA | Harmonic I Diff1 | [21] | 1 |
| 11303 | SHORT | RD | mA | Harmonic I Diff1 | [22] | 1 |
| 11304 | SHORT | RD | mA | Harmonic I Diff1 | [23] | 1 |
| 11305 | SHORT | RD | mA | Harmonic I Diff1 | [24] | 1 |
| 11306 | SHORT | RD | mA | Harmonic I Diff1 | [25] | 1 |
| 11307 | SHORT | RD | mA | Harmonic I Diff1 | [26] | 1 |
| 11308 | SHORT | RD | mA | Harmonic I Diff1 | [27] | 1 |
| 11309 | SHORT | RD | mA | Harmonic I Diff1 | [28] | 1 |
| 11310 | SHORT | RD | mA | Harmonic I Diff1 | [29] | 1 |
| 11311 | SHORT | RD | mA | Harmonic I Diff1 | [30] | 1 |
| 11312 | SHORT | RD | mA | Harmonic I Diff1 | [31] | 1 |
| 11313 | SHORT | RD | mA | Harmonic I Diff1 | [32] | 1 |
| 11314 | SHORT | RD | mA | Harmonic I Diff1 | [33] | 1 |
| 11315 | SHORT | RD | mA | Harmonic I Diff1 | [34] | 1 |
| 11316 | SHORT | RD | mA | Harmonic I Diff1 | [35] | 1 |
| 11317 | SHORT | RD | mA | Harmonic I Diff1 | [36] | 1 |
| 11318 | SHORT | RD | mA | Harmonic I Diff1 | [37] | 1 |
| 11319 | SHORT | RD | mA | Harmonic I Diff1 | [38] | 1 |
| 11320 | SHORT | RD | mA | Harmonic I Diff1 | [39] | 1 |
| 11321 | SHORT | RD | mA | Harmonic I Diff2 | [0] | 1 |
| 11322 | SHORT | RD | mA | Harmonic I Diff2 | [1] | 1 |
| 11323 | SHORT | RD | mA | Harmonic I Diff2 | [2] | 1 |
| 11324 | SHORT | RD | mA | Harmonic I Diff2 | [3] | 1 |
| 11325 | SHORT | RD | mA | Harmonic I Diff2 | [4] | 1 |
| 11326 | SHORT | RD | mA | Harmonic I Diff2 | [5] | 1 |
| 11327 | SHORT | RD | mA | Harmonic I Diff2 | [6] | 1 |
| 11328 | SHORT | RD | mA | Harmonic I Diff2 | [7] | 1 |
| 11329 | SHORT | RD | mA | Harmonic I Diff2 | [8] | 1 |
| 11330 | SHORT | RD | mA | Harmonic I Diff2 | [9] | 1 |
| 11331 | SHORT | RD | mA | Harmonic I Diff2 | [10] | 1 |
| 11332 | SHORT | RD | mA | Harmonic I Diff2 | [11] | 1 |
| 11333 | SHORT | RD | mA | Harmonic I Diff2 | [12] | 1 |
| 11334 | SHORT | RD | mA | Harmonic I Diff2 | [13] | 1 |
| 11335 | SHORT | RD | mA | Harmonic I Diff2 | [14] | 1 |
| 11336 | SHORT | RD | mA | Harmonic I Diff2 | [15] | 1 |
| 11337 | SHORT | RD | mA | Harmonic I Diff2 | [16] | 1 |
| 11338 | SHORT | RD | mA | Harmonic I Diff2 | [17] | 1 |
| 11339 | SHORT | RD | mA | Harmonic I Diff2 | [18] | 1 |
| 11340 | SHORT | RD | mA | Harmonic I Diff2 | [19] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------|-------|------------|
| 11341 | SHORT | RD | mA | Harmonic I Diff2 | [20] | 1 |
| 11342 | SHORT | RD | mA | Harmonic I Diff2 | [21] | 1 |
| 11343 | SHORT | RD | mA | Harmonic I Diff2 | [22] | 1 |
| 11344 | SHORT | RD | mA | Harmonic I Diff2 | [23] | 1 |
| 11345 | SHORT | RD | mA | Harmonic I Diff2 | [24] | 1 |
| 11346 | SHORT | RD | mA | Harmonic I Diff2 | [25] | 1 |
| 11347 | SHORT | RD | mA | Harmonic I Diff2 | [26] | 1 |
| 11348 | SHORT | RD | mA | Harmonic I Diff2 | [27] | 1 |
| 11349 | SHORT | RD | mA | Harmonic I Diff2 | [28] | 1 |
| 11350 | SHORT | RD | mA | Harmonic I Diff2 | [29] | 1 |
| 11351 | SHORT | RD | mA | Harmonic I Diff2 | [30] | 1 |
| 11352 | SHORT | RD | mA | Harmonic I Diff2 | [31] | 1 |
| 11353 | SHORT | RD | mA | Harmonic I Diff2 | [32] | 1 |
| 11354 | SHORT | RD | mA | Harmonic I Diff2 | [33] | 1 |
| 11355 | SHORT | RD | mA | Harmonic I Diff2 | [34] | 1 |
| 11356 | SHORT | RD | mA | Harmonic I Diff2 | [35] | 1 |
| 11357 | SHORT | RD | mA | Harmonic I Diff2 | [36] | 1 |
| 11358 | SHORT | RD | mA | Harmonic I Diff2 | [37] | 1 |
| 11359 | SHORT | RD | mA | Harmonic I Diff2 | [38] | 1 |
| 11360 | SHORT | RD | mA | Harmonic I Diff2 | [39] | 1 |

Mean values, type float, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------------|-------|
| 1740 | FLOAT | RD | V | Average, Harmonic U L1 | [0] |
| 1742 | FLOAT | RD | V | Average, Harmonic U L1 | [1] |
| 1744 | FLOAT | RD | V | Average, Harmonic U L1 | [2] |
| 1746 | FLOAT | RD | V | Average, Harmonic U L1 | [3] |
| 1748 | FLOAT | RD | V | Average, Harmonic U L1 | [4] |
| 1750 | FLOAT | RD | V | Average, Harmonic U L1 | [5] |
| 1752 | FLOAT | RD | V | Average, Harmonic U L1 | [6] |
| 1754 | FLOAT | RD | V | Average, Harmonic U L1 | [7] |
| 1756 | FLOAT | RD | V | Average, Harmonic U L1 | [8] |
| 1758 | FLOAT | RD | V | Average, Harmonic U L1 | [9] |
| 1760 | FLOAT | RD | V | Average, Harmonic U L1 | [10] |
| 1762 | FLOAT | RD | V | Average, Harmonic U L1 | [11] |
| 1764 | FLOAT | RD | V | Average, Harmonic U L1 | [12] |
| 1766 | FLOAT | RD | V | Average, Harmonic U L1 | [13] |
| 1768 | FLOAT | RD | V | Average, Harmonic U L1 | [14] |
| 1770 | FLOAT | RD | V | Average, Harmonic U L1 | [15] |
| 1772 | FLOAT | RD | V | Average, Harmonic U L1 | [16] |
| 1774 | FLOAT | RD | V | Average, Harmonic U L1 | [17] |
| 1776 | FLOAT | RD | V | Average, Harmonic U L1 | [18] |
| 1778 | FLOAT | RD | V | Average, Harmonic U L1 | [19] |
| 1780 | FLOAT | RD | V | Average, Harmonic U L1 | [20] |
| 1782 | FLOAT | RD | V | Average, Harmonic U L1 | [21] |
| 1784 | FLOAT | RD | V | Average, Harmonic U L1 | [22] |
| 1786 | FLOAT | RD | V | Average, Harmonic U L1 | [23] |
| 1788 | FLOAT | RD | V | Average, Harmonic U L1 | [24] |
| 1790 | FLOAT | RD | V | Average, Harmonic U L1 | [25] |
| 1792 | FLOAT | RD | V | Average, Harmonic U L1 | [26] |
| 1794 | FLOAT | RD | V | Average, Harmonic U L1 | [27] |
| 1796 | FLOAT | RD | V | Average, Harmonic U L1 | [28] |
| 1798 | FLOAT | RD | V | Average, Harmonic U L1 | [29] |
| 1800 | FLOAT | RD | V | Average, Harmonic U L1 | [30] |
| 1802 | FLOAT | RD | V | Average, Harmonic U L1 | [31] |
| 1804 | FLOAT | RD | V | Average, Harmonic U L1 | [32] |
| 1806 | FLOAT | RD | V | Average, Harmonic U L1 | [33] |
| 1808 | FLOAT | RD | V | Average, Harmonic U L1 | [34] |
| 1810 | FLOAT | RD | V | Average, Harmonic U L1 | [35] |
| 1812 | FLOAT | RD | V | Average, Harmonic U L1 | [36] |
| 1814 | FLOAT | RD | V | Average, Harmonic U L1 | [37] |
| 1816 | FLOAT | RD | V | Average, Harmonic U L1 | [38] |
| 1818 | FLOAT | RD | V | Average, Harmonic U L1 | [39] |
| 1820 | FLOAT | RD | V | Average, Harmonic U L2 | [0] |
| 1822 | FLOAT | RD | V | Average, Harmonic U L2 | [1] |
| 1824 | FLOAT | RD | V | Average, Harmonic U L2 | [2] |
| 1826 | FLOAT | RD | V | Average, Harmonic U L2 | [3] |
| 1828 | FLOAT | RD | V | Average, Harmonic U L2 | [4] |
| 1830 | FLOAT | RD | V | Average, Harmonic U L2 | [5] |
| 1832 | FLOAT | RD | V | Average, Harmonic U L2 | [6] |
| 1834 | FLOAT | RD | V | Average, Harmonic U L2 | [7] |
| 1836 | FLOAT | RD | V | Average, Harmonic U L2 | [8] |
| 1838 | FLOAT | RD | V | Average, Harmonic U L2 | [9] |
| 1840 | FLOAT | RD | V | Average, Harmonic U L2 | [10] |
| 1842 | FLOAT | RD | V | Average, Harmonic U L2 | [11] |
| 1844 | FLOAT | RD | V | Average, Harmonic U L2 | [12] |
| 1846 | FLOAT | RD | V | Average, Harmonic U L2 | [13] |
| 1848 | FLOAT | RD | V | Average, Harmonic U L2 | [14] |
| 1850 | FLOAT | RD | V | Average, Harmonic U L2 | [15] |
| 1852 | FLOAT | RD | V | Average, Harmonic U L2 | [16] |
| 1854 | FLOAT | RD | V | Average, Harmonic U L2 | [17] |
| 1856 | FLOAT | RD | V | Average, Harmonic U L2 | [18] |
| 1858 | FLOAT | RD | V | Average, Harmonic U L2 | [19] |
| 1860 | FLOAT | RD | V | Average, Harmonic U L2 | [20] |
| 1862 | FLOAT | RD | V | Average, Harmonic U L2 | [21] |
| 1864 | FLOAT | RD | V | Average, Harmonic U L2 | [22] |
| 1866 | FLOAT | RD | V | Average, Harmonic U L2 | [23] |
| 1868 | FLOAT | RD | V | Average, Harmonic U L2 | [24] |
| 1870 | FLOAT | RD | V | Average, Harmonic U L2 | [25] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 1872 | FLOAT | RD | V | Average, Harmonic U L2 | [26] |
| 1874 | FLOAT | RD | V | Average, Harmonic U L2 | [27] |
| 1876 | FLOAT | RD | V | Average, Harmonic U L2 | [28] |
| 1878 | FLOAT | RD | V | Average, Harmonic U L2 | [29] |
| 1880 | FLOAT | RD | V | Average, Harmonic U L2 | [30] |
| 1882 | FLOAT | RD | V | Average, Harmonic U L2 | [31] |
| 1884 | FLOAT | RD | V | Average, Harmonic U L2 | [32] |
| 1886 | FLOAT | RD | V | Average, Harmonic U L2 | [33] |
| 1888 | FLOAT | RD | V | Average, Harmonic U L2 | [34] |
| 1890 | FLOAT | RD | V | Average, Harmonic U L2 | [35] |
| 1892 | FLOAT | RD | V | Average, Harmonic U L2 | [36] |
| 1894 | FLOAT | RD | V | Average, Harmonic U L2 | [37] |
| 1896 | FLOAT | RD | V | Average, Harmonic U L2 | [38] |
| 1898 | FLOAT | RD | V | Average, Harmonic U L2 | [39] |
| 1900 | FLOAT | RD | V | Average, Harmonic U L3 | [0] |
| 1902 | FLOAT | RD | V | Average, Harmonic U L3 | [1] |
| 1904 | FLOAT | RD | V | Average, Harmonic U L3 | [2] |
| 1906 | FLOAT | RD | V | Average, Harmonic U L3 | [3] |
| 1908 | FLOAT | RD | V | Average, Harmonic U L3 | [4] |
| 1910 | FLOAT | RD | V | Average, Harmonic U L3 | [5] |
| 1912 | FLOAT | RD | V | Average, Harmonic U L3 | [6] |
| 1914 | FLOAT | RD | V | Average, Harmonic U L3 | [7] |
| 1916 | FLOAT | RD | V | Average, Harmonic U L3 | [8] |
| 1918 | FLOAT | RD | V | Average, Harmonic U L3 | [9] |
| 1920 | FLOAT | RD | V | Average, Harmonic U L3 | [10] |
| 1922 | FLOAT | RD | V | Average, Harmonic U L3 | [11] |
| 1924 | FLOAT | RD | V | Average, Harmonic U L3 | [12] |
| 1926 | FLOAT | RD | V | Average, Harmonic U L3 | [13] |
| 1928 | FLOAT | RD | V | Average, Harmonic U L3 | [14] |
| 1930 | FLOAT | RD | V | Average, Harmonic U L3 | [15] |
| 1932 | FLOAT | RD | V | Average, Harmonic U L3 | [16] |
| 1934 | FLOAT | RD | V | Average, Harmonic U L3 | [17] |
| 1936 | FLOAT | RD | V | Average, Harmonic U L3 | [18] |
| 1938 | FLOAT | RD | V | Average, Harmonic U L3 | [19] |
| 1940 | FLOAT | RD | V | Average, Harmonic U L3 | [20] |
| 1942 | FLOAT | RD | V | Average, Harmonic U L3 | [21] |
| 1944 | FLOAT | RD | V | Average, Harmonic U L3 | [22] |
| 1946 | FLOAT | RD | V | Average, Harmonic U L3 | [23] |
| 1948 | FLOAT | RD | V | Average, Harmonic U L3 | [24] |
| 1950 | FLOAT | RD | V | Average, Harmonic U L3 | [25] |
| 1952 | FLOAT | RD | V | Average, Harmonic U L3 | [26] |
| 1954 | FLOAT | RD | V | Average, Harmonic U L3 | [27] |
| 1956 | FLOAT | RD | V | Average, Harmonic U L3 | [28] |
| 1958 | FLOAT | RD | V | Average, Harmonic U L3 | [29] |
| 1960 | FLOAT | RD | V | Average, Harmonic U L3 | [30] |
| 1962 | FLOAT | RD | V | Average, Harmonic U L3 | [31] |
| 1964 | FLOAT | RD | V | Average, Harmonic U L3 | [32] |
| 1966 | FLOAT | RD | V | Average, Harmonic U L3 | [33] |
| 1968 | FLOAT | RD | V | Average, Harmonic U L3 | [34] |
| 1970 | FLOAT | RD | V | Average, Harmonic U L3 | [35] |
| 1972 | FLOAT | RD | V | Average, Harmonic U L3 | [36] |
| 1974 | FLOAT | RD | V | Average, Harmonic U L3 | [37] |
| 1976 | FLOAT | RD | V | Average, Harmonic U L3 | [38] |
| 1978 | FLOAT | RD | V | Average, Harmonic U L3 | [39] |
| 1980 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [0] |
| 1982 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [1] |
| 1984 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [2] |
| 1986 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [3] |
| 1988 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [4] |
| 1990 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [5] |
| 1992 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [6] |
| 1994 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [7] |
| 1996 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [8] |
| 1998 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [9] |
| 2000 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [10] |
| 2002 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [11] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 2004 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [12] |
| 2006 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [13] |
| 2008 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [14] |
| 2010 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [15] |
| 2012 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [16] |
| 2014 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [17] |
| 2016 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [18] |
| 2018 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [19] |
| 2020 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [20] |
| 2022 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [21] |
| 2024 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [22] |
| 2026 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [23] |
| 2028 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [24] |
| 2030 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [25] |
| 2032 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [26] |
| 2034 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [27] |
| 2036 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [28] |
| 2038 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [29] |
| 2040 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [30] |
| 2042 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [31] |
| 2044 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [32] |
| 2046 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [33] |
| 2048 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [34] |
| 2050 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [35] |
| 2052 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [36] |
| 2054 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [37] |
| 2056 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [38] |
| 2058 | FLOAT | RD | V | Average, Harmonic U L1-L2 | [39] |
| 2060 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [0] |
| 2062 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [1] |
| 2064 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [2] |
| 2066 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [3] |
| 2068 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [4] |
| 2070 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [5] |
| 2072 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [6] |
| 2074 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [7] |
| 2076 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [8] |
| 2078 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [9] |
| 2080 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [10] |
| 2082 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [11] |
| 2084 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [12] |
| 2086 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [13] |
| 2088 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [14] |
| 2090 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [15] |
| 2092 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [16] |
| 2094 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [17] |
| 2096 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [18] |
| 2098 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [19] |
| 2100 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [20] |
| 2102 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [21] |
| 2104 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [22] |
| 2106 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [23] |
| 2108 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [24] |
| 2110 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [25] |
| 2112 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [26] |
| 2114 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [27] |
| 2116 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [28] |
| 2118 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [29] |
| 2120 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [30] |
| 2122 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [31] |
| 2124 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [32] |
| 2126 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [33] |
| 2128 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [34] |
| 2130 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [35] |
| 2132 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [36] |
| 2134 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [37] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 2136 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [38] |
| 2138 | FLOAT | RD | V | Average, Harmonic U L2-L3 | [39] |
| 2140 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [0] |
| 2142 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [1] |
| 2144 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [2] |
| 2146 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [3] |
| 2148 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [4] |
| 2150 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [5] |
| 2152 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [6] |
| 2154 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [7] |
| 2156 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [8] |
| 2158 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [9] |
| 2160 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [10] |
| 2162 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [11] |
| 2164 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [12] |
| 2166 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [13] |
| 2168 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [14] |
| 2170 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [15] |
| 2172 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [16] |
| 2174 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [17] |
| 2176 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [18] |
| 2178 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [19] |
| 2180 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [20] |
| 2182 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [21] |
| 2184 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [22] |
| 2186 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [23] |
| 2188 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [24] |
| 2190 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [25] |
| 2192 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [26] |
| 2194 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [27] |
| 2196 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [28] |
| 2198 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [29] |
| 2200 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [30] |
| 2202 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [31] |
| 2204 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [32] |
| 2206 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [33] |
| 2208 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [34] |
| 2210 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [35] |
| 2212 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [36] |
| 2214 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [37] |
| 2216 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [38] |
| 2218 | FLOAT | RD | V | Average, Harmonic U L3-L1 | [39] |
| 2260 | FLOAT | RD | A | Average, Harmonic I L1 | [0] |
| 2262 | FLOAT | RD | A | Average, Harmonic I L1 | [1] |
| 2264 | FLOAT | RD | A | Average, Harmonic I L1 | [2] |
| 2266 | FLOAT | RD | A | Average, Harmonic I L1 | [3] |
| 2268 | FLOAT | RD | A | Average, Harmonic I L1 | [4] |
| 2270 | FLOAT | RD | A | Average, Harmonic I L1 | [5] |
| 2272 | FLOAT | RD | A | Average, Harmonic I L1 | [6] |
| 2274 | FLOAT | RD | A | Average, Harmonic I L1 | [7] |
| 2276 | FLOAT | RD | A | Average, Harmonic I L1 | [8] |
| 2278 | FLOAT | RD | A | Average, Harmonic I L1 | [9] |
| 2280 | FLOAT | RD | A | Average, Harmonic I L1 | [10] |
| 2282 | FLOAT | RD | A | Average, Harmonic I L1 | [11] |
| 2284 | FLOAT | RD | A | Average, Harmonic I L1 | [12] |
| 2286 | FLOAT | RD | A | Average, Harmonic I L1 | [13] |
| 2288 | FLOAT | RD | A | Average, Harmonic I L1 | [14] |
| 2290 | FLOAT | RD | A | Average, Harmonic I L1 | [15] |
| 2292 | FLOAT | RD | A | Average, Harmonic I L1 | [16] |
| 2294 | FLOAT | RD | A | Average, Harmonic I L1 | [17] |
| 2296 | FLOAT | RD | A | Average, Harmonic I L1 | [18] |
| 2298 | FLOAT | RD | A | Average, Harmonic I L1 | [19] |
| 2300 | FLOAT | RD | A | Average, Harmonic I L1 | [20] |
| 2302 | FLOAT | RD | A | Average, Harmonic I L1 | [21] |
| 2304 | FLOAT | RD | A | Average, Harmonic I L1 | [22] |
| 2306 | FLOAT | RD | A | Average, Harmonic I L1 | [23] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------------|-------|
| 2308 | FLOAT | RD | A | Average, Harmonic I L1 | [24] |
| 2310 | FLOAT | RD | A | Average, Harmonic I L1 | [25] |
| 2312 | FLOAT | RD | A | Average, Harmonic I L1 | [26] |
| 2314 | FLOAT | RD | A | Average, Harmonic I L1 | [27] |
| 2316 | FLOAT | RD | A | Average, Harmonic I L1 | [28] |
| 2318 | FLOAT | RD | A | Average, Harmonic I L1 | [29] |
| 2320 | FLOAT | RD | A | Average, Harmonic I L1 | [30] |
| 2322 | FLOAT | RD | A | Average, Harmonic I L1 | [31] |
| 2324 | FLOAT | RD | A | Average, Harmonic I L1 | [32] |
| 2326 | FLOAT | RD | A | Average, Harmonic I L1 | [33] |
| 2328 | FLOAT | RD | A | Average, Harmonic I L1 | [34] |
| 2330 | FLOAT | RD | A | Average, Harmonic I L1 | [35] |
| 2332 | FLOAT | RD | A | Average, Harmonic I L1 | [36] |
| 2334 | FLOAT | RD | A | Average, Harmonic I L1 | [37] |
| 2336 | FLOAT | RD | A | Average, Harmonic I L1 | [38] |
| 2338 | FLOAT | RD | A | Average, Harmonic I L1 | [39] |
| 2340 | FLOAT | RD | A | Average, Harmonic I L2 | [0] |
| 2342 | FLOAT | RD | A | Average, Harmonic I L2 | [1] |
| 2344 | FLOAT | RD | A | Average, Harmonic I L2 | [2] |
| 2346 | FLOAT | RD | A | Average, Harmonic I L2 | [3] |
| 2348 | FLOAT | RD | A | Average, Harmonic I L2 | [4] |
| 2350 | FLOAT | RD | A | Average, Harmonic I L2 | [5] |
| 2352 | FLOAT | RD | A | Average, Harmonic I L2 | [6] |
| 2354 | FLOAT | RD | A | Average, Harmonic I L2 | [7] |
| 2356 | FLOAT | RD | A | Average, Harmonic I L2 | [8] |
| 2358 | FLOAT | RD | A | Average, Harmonic I L2 | [9] |
| 2360 | FLOAT | RD | A | Average, Harmonic I L2 | [10] |
| 2362 | FLOAT | RD | A | Average, Harmonic I L2 | [11] |
| 2364 | FLOAT | RD | A | Average, Harmonic I L2 | [12] |
| 2366 | FLOAT | RD | A | Average, Harmonic I L2 | [13] |
| 2368 | FLOAT | RD | A | Average, Harmonic I L2 | [14] |
| 2370 | FLOAT | RD | A | Average, Harmonic I L2 | [15] |
| 2372 | FLOAT | RD | A | Average, Harmonic I L2 | [16] |
| 2374 | FLOAT | RD | A | Average, Harmonic I L2 | [17] |
| 2376 | FLOAT | RD | A | Average, Harmonic I L2 | [18] |
| 2378 | FLOAT | RD | A | Average, Harmonic I L2 | [19] |
| 2380 | FLOAT | RD | A | Average, Harmonic I L2 | [20] |
| 2382 | FLOAT | RD | A | Average, Harmonic I L2 | [21] |
| 2384 | FLOAT | RD | A | Average, Harmonic I L2 | [22] |
| 2386 | FLOAT | RD | A | Average, Harmonic I L2 | [23] |
| 2388 | FLOAT | RD | A | Average, Harmonic I L2 | [24] |
| 2390 | FLOAT | RD | A | Average, Harmonic I L2 | [25] |
| 2392 | FLOAT | RD | A | Average, Harmonic I L2 | [26] |
| 2394 | FLOAT | RD | A | Average, Harmonic I L2 | [27] |
| 2396 | FLOAT | RD | A | Average, Harmonic I L2 | [28] |
| 2398 | FLOAT | RD | A | Average, Harmonic I L2 | [29] |
| 2400 | FLOAT | RD | A | Average, Harmonic I L2 | [30] |
| 2402 | FLOAT | RD | A | Average, Harmonic I L2 | [31] |
| 2404 | FLOAT | RD | A | Average, Harmonic I L2 | [32] |
| 2406 | FLOAT | RD | A | Average, Harmonic I L2 | [33] |
| 2408 | FLOAT | RD | A | Average, Harmonic I L2 | [34] |
| 2410 | FLOAT | RD | A | Average, Harmonic I L2 | [35] |
| 2412 | FLOAT | RD | A | Average, Harmonic I L2 | [36] |
| 2414 | FLOAT | RD | A | Average, Harmonic I L2 | [37] |
| 2416 | FLOAT | RD | A | Average, Harmonic I L2 | [38] |
| 2418 | FLOAT | RD | A | Average, Harmonic I L2 | [39] |
| 2420 | FLOAT | RD | A | Average, Harmonic I L3 | [0] |
| 2422 | FLOAT | RD | A | Average, Harmonic I L3 | [1] |
| 2424 | FLOAT | RD | A | Average, Harmonic I L3 | [2] |
| 2426 | FLOAT | RD | A | Average, Harmonic I L3 | [3] |
| 2428 | FLOAT | RD | A | Average, Harmonic I L3 | [4] |
| 2430 | FLOAT | RD | A | Average, Harmonic I L3 | [5] |
| 2432 | FLOAT | RD | A | Average, Harmonic I L3 | [6] |
| 2434 | FLOAT | RD | A | Average, Harmonic I L3 | [7] |
| 2436 | FLOAT | RD | A | Average, Harmonic I L3 | [8] |
| 2438 | FLOAT | RD | A | Average, Harmonic I L3 | [9] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------------|-------|
| 2440 | FLOAT | RD | A | Average, Harmonic I L3 | [10] |
| 2442 | FLOAT | RD | A | Average, Harmonic I L3 | [11] |
| 2444 | FLOAT | RD | A | Average, Harmonic I L3 | [12] |
| 2446 | FLOAT | RD | A | Average, Harmonic I L3 | [13] |
| 2448 | FLOAT | RD | A | Average, Harmonic I L3 | [14] |
| 2450 | FLOAT | RD | A | Average, Harmonic I L3 | [15] |
| 2452 | FLOAT | RD | A | Average, Harmonic I L3 | [16] |
| 2454 | FLOAT | RD | A | Average, Harmonic I L3 | [17] |
| 2456 | FLOAT | RD | A | Average, Harmonic I L3 | [18] |
| 2458 | FLOAT | RD | A | Average, Harmonic I L3 | [19] |
| 2460 | FLOAT | RD | A | Average, Harmonic I L3 | [20] |
| 2462 | FLOAT | RD | A | Average, Harmonic I L3 | [21] |
| 2464 | FLOAT | RD | A | Average, Harmonic I L3 | [22] |
| 2466 | FLOAT | RD | A | Average, Harmonic I L3 | [23] |
| 2468 | FLOAT | RD | A | Average, Harmonic I L3 | [24] |
| 2470 | FLOAT | RD | A | Average, Harmonic I L3 | [25] |
| 2472 | FLOAT | RD | A | Average, Harmonic I L3 | [26] |
| 2474 | FLOAT | RD | A | Average, Harmonic I L3 | [27] |
| 2476 | FLOAT | RD | A | Average, Harmonic I L3 | [28] |
| 2478 | FLOAT | RD | A | Average, Harmonic I L3 | [29] |
| 2480 | FLOAT | RD | A | Average, Harmonic I L3 | [30] |
| 2482 | FLOAT | RD | A | Average, Harmonic I L3 | [31] |
| 2484 | FLOAT | RD | A | Average, Harmonic I L3 | [32] |
| 2486 | FLOAT | RD | A | Average, Harmonic I L3 | [33] |
| 2488 | FLOAT | RD | A | Average, Harmonic I L3 | [34] |
| 2490 | FLOAT | RD | A | Average, Harmonic I L3 | [35] |
| 2492 | FLOAT | RD | A | Average, Harmonic I L3 | [36] |
| 2494 | FLOAT | RD | A | Average, Harmonic I L3 | [37] |
| 2496 | FLOAT | RD | A | Average, Harmonic I L3 | [38] |
| 2498 | FLOAT | RD | A | Average, Harmonic I L3 | [39] |
| 10643 | FLOAT | RD | A | Average, Harmonic IL4 | [0] |
| 10645 | FLOAT | RD | A | Average, Harmonic IL4 | [1] |
| 10647 | FLOAT | RD | A | Average, Harmonic IL4 | [2] |
| 10649 | FLOAT | RD | A | Average, Harmonic IL4 | [3] |
| 10651 | FLOAT | RD | A | Average, Harmonic IL4 | [4] |
| 10653 | FLOAT | RD | A | Average, Harmonic IL4 | [5] |
| 10655 | FLOAT | RD | A | Average, Harmonic IL4 | [6] |
| 10657 | FLOAT | RD | A | Average, Harmonic IL4 | [7] |
| 10659 | FLOAT | RD | A | Average, Harmonic IL4 | [8] |
| 10661 | FLOAT | RD | A | Average, Harmonic IL4 | [9] |
| 10663 | FLOAT | RD | A | Average, Harmonic IL4 | [10] |
| 10665 | FLOAT | RD | A | Average, Harmonic IL4 | [11] |
| 10667 | FLOAT | RD | A | Average, Harmonic IL4 | [12] |
| 10669 | FLOAT | RD | A | Average, Harmonic IL4 | [13] |
| 10671 | FLOAT | RD | A | Average, Harmonic IL4 | [14] |
| 10673 | FLOAT | RD | A | Average, Harmonic IL4 | [15] |
| 10675 | FLOAT | RD | A | Average, Harmonic IL4 | [16] |
| 10677 | FLOAT | RD | A | Average, Harmonic IL4 | [17] |
| 10679 | FLOAT | RD | A | Average, Harmonic IL4 | [18] |
| 10681 | FLOAT | RD | A | Average, Harmonic IL4 | [19] |
| 10683 | FLOAT | RD | A | Average, Harmonic IL4 | [20] |
| 10685 | FLOAT | RD | A | Average, Harmonic IL4 | [21] |
| 10687 | FLOAT | RD | A | Average, Harmonic IL4 | [22] |
| 10689 | FLOAT | RD | A | Average, Harmonic IL4 | [23] |
| 10691 | FLOAT | RD | A | Average, Harmonic IL4 | [24] |
| 10693 | FLOAT | RD | A | Average, Harmonic IL4 | [25] |
| 10695 | FLOAT | RD | A | Average, Harmonic IL4 | [26] |
| 10697 | FLOAT | RD | A | Average, Harmonic IL4 | [27] |
| 10699 | FLOAT | RD | A | Average, Harmonic IL4 | [28] |
| 10701 | FLOAT | RD | A | Average, Harmonic IL4 | [29] |
| 10703 | FLOAT | RD | A | Average, Harmonic IL4 | [30] |
| 10705 | FLOAT | RD | A | Average, Harmonic IL4 | [31] |
| 10707 | FLOAT | RD | A | Average, Harmonic IL4 | [32] |
| 10709 | FLOAT | RD | A | Average, Harmonic IL4 | [33] |
| 10711 | FLOAT | RD | A | Average, Harmonic IL4 | [34] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 10713 | FLOAT | RD | A | Average, Harmonic IL4 | [35] |
| 10715 | FLOAT | RD | A | Average, Harmonic IL4 | [36] |
| 10717 | FLOAT | RD | A | Average, Harmonic IL4 | [37] |
| 10719 | FLOAT | RD | A | Average, Harmonic IL4 | [38] |
| 10721 | FLOAT | RD | A | Average, Harmonic IL4 | [39] |
| 11057 | FLOAT | RD | A | Average, Harmonic A Diff1 | [0] |
| 11059 | FLOAT | RD | A | Average, Harmonic A Diff1 | [1] |
| 11061 | FLOAT | RD | A | Average, Harmonic A Diff1 | [2] |
| 11063 | FLOAT | RD | A | Average, Harmonic A Diff1 | [3] |
| 11065 | FLOAT | RD | A | Average, Harmonic A Diff1 | [4] |
| 11067 | FLOAT | RD | A | Average, Harmonic A Diff1 | [5] |
| 11069 | FLOAT | RD | A | Average, Harmonic A Diff1 | [6] |
| 11071 | FLOAT | RD | A | Average, Harmonic A Diff1 | [7] |
| 11073 | FLOAT | RD | A | Average, Harmonic A Diff1 | [8] |
| 11075 | FLOAT | RD | A | Average, Harmonic A Diff1 | [9] |
| 11077 | FLOAT | RD | A | Average, Harmonic A Diff1 | [10] |
| 11079 | FLOAT | RD | A | Average, Harmonic A Diff1 | [11] |
| 11081 | FLOAT | RD | A | Average, Harmonic A Diff1 | [12] |
| 11083 | FLOAT | RD | A | Average, Harmonic A Diff1 | [13] |
| 11085 | FLOAT | RD | A | Average, Harmonic A Diff1 | [14] |
| 11087 | FLOAT | RD | A | Average, Harmonic A Diff1 | [15] |
| 11089 | FLOAT | RD | A | Average, Harmonic A Diff1 | [16] |
| 11091 | FLOAT | RD | A | Average, Harmonic A Diff1 | [17] |
| 11093 | FLOAT | RD | A | Average, Harmonic A Diff1 | [18] |
| 11095 | FLOAT | RD | A | Average, Harmonic A Diff1 | [19] |
| 11097 | FLOAT | RD | A | Average, Harmonic A Diff1 | [20] |
| 11099 | FLOAT | RD | A | Average, Harmonic A Diff1 | [21] |
| 11101 | FLOAT | RD | A | Average, Harmonic A Diff1 | [22] |
| 11103 | FLOAT | RD | A | Average, Harmonic A Diff1 | [23] |
| 11105 | FLOAT | RD | A | Average, Harmonic A Diff1 | [24] |
| 11107 | FLOAT | RD | A | Average, Harmonic A Diff1 | [25] |
| 11109 | FLOAT | RD | A | Average, Harmonic A Diff1 | [26] |
| 11111 | FLOAT | RD | A | Average, Harmonic A Diff1 | [27] |
| 11113 | FLOAT | RD | A | Average, Harmonic A Diff1 | [28] |
| 11115 | FLOAT | RD | A | Average, Harmonic A Diff1 | [29] |
| 11117 | FLOAT | RD | A | Average, Harmonic A Diff1 | [30] |
| 11119 | FLOAT | RD | A | Average, Harmonic A Diff1 | [31] |
| 11121 | FLOAT | RD | A | Average, Harmonic A Diff1 | [32] |
| 11123 | FLOAT | RD | A | Average, Harmonic A Diff1 | [33] |
| 11125 | FLOAT | RD | A | Average, Harmonic A Diff1 | [34] |
| 11127 | FLOAT | RD | A | Average, Harmonic A Diff1 | [35] |
| 11129 | FLOAT | RD | A | Average, Harmonic A Diff1 | [36] |
| 11131 | FLOAT | RD | A | Average, Harmonic A Diff1 | [37] |
| 11133 | FLOAT | RD | A | Average, Harmonic A Diff1 | [38] |
| 11135 | FLOAT | RD | A | Average, Harmonic A Diff1 | [39] |
| 11137 | FLOAT | RD | A | Average, Harmonic A Diff2 | [0] |
| 11139 | FLOAT | RD | A | Average, Harmonic A Diff2 | [1] |
| 11141 | FLOAT | RD | A | Average, Harmonic A Diff2 | [2] |
| 11143 | FLOAT | RD | A | Average, Harmonic A Diff2 | [3] |
| 11145 | FLOAT | RD | A | Average, Harmonic A Diff2 | [4] |
| 11147 | FLOAT | RD | A | Average, Harmonic A Diff2 | [5] |
| 11149 | FLOAT | RD | A | Average, Harmonic A Diff2 | [6] |
| 11151 | FLOAT | RD | A | Average, Harmonic A Diff2 | [7] |
| 11153 | FLOAT | RD | A | Average, Harmonic A Diff2 | [8] |
| 11155 | FLOAT | RD | A | Average, Harmonic A Diff2 | [9] |
| 11157 | FLOAT | RD | A | Average, Harmonic A Diff2 | [10] |
| 11159 | FLOAT | RD | A | Average, Harmonic A Diff2 | [11] |
| 11161 | FLOAT | RD | A | Average, Harmonic A Diff2 | [12] |
| 11163 | FLOAT | RD | A | Average, Harmonic A Diff2 | [13] |
| 11165 | FLOAT | RD | A | Average, Harmonic A Diff2 | [14] |
| 11167 | FLOAT | RD | A | Average, Harmonic A Diff2 | [15] |
| 11169 | FLOAT | RD | A | Average, Harmonic A Diff2 | [16] |
| 11171 | FLOAT | RD | A | Average, Harmonic A Diff2 | [17] |
| 11173 | FLOAT | RD | A | Average, Harmonic A Diff2 | [18] |
| 11175 | FLOAT | RD | A | Average, Harmonic A Diff2 | [19] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 11177 | FLOAT | RD | A | Average, Harmonic A Diff2 | [20] |
| 11179 | FLOAT | RD | A | Average, Harmonic A Diff2 | [21] |
| 11181 | FLOAT | RD | A | Average, Harmonic A Diff2 | [22] |
| 11183 | FLOAT | RD | A | Average, Harmonic A Diff2 | [23] |
| 11185 | FLOAT | RD | A | Average, Harmonic A Diff2 | [24] |
| 11187 | FLOAT | RD | A | Average, Harmonic A Diff2 | [25] |
| 11189 | FLOAT | RD | A | Average, Harmonic A Diff2 | [26] |
| 11191 | FLOAT | RD | A | Average, Harmonic A Diff2 | [27] |
| 11193 | FLOAT | RD | A | Average, Harmonic A Diff2 | [28] |
| 11195 | FLOAT | RD | A | Average, Harmonic A Diff2 | [29] |
| 11197 | FLOAT | RD | A | Average, Harmonic A Diff2 | [30] |
| 11199 | FLOAT | RD | A | Average, Harmonic A Diff2 | [31] |
| 11201 | FLOAT | RD | A | Average, Harmonic A Diff2 | [32] |
| 11203 | FLOAT | RD | A | Average, Harmonic A Diff2 | [33] |
| 11205 | FLOAT | RD | A | Average, Harmonic A Diff2 | [34] |
| 11207 | FLOAT | RD | A | Average, Harmonic A Diff2 | [35] |
| 11209 | FLOAT | RD | A | Average, Harmonic A Diff2 | [36] |
| 11211 | FLOAT | RD | A | Average, Harmonic A Diff2 | [37] |
| 11213 | FLOAT | RD | A | Average, Harmonic A Diff2 | [38] |
| 11215 | FLOAT | RD | A | Average, Harmonic A Diff2 | [39] |

Mean values, type short, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------|-------|------------|
| 3966 | SHORT | RD | V | Average, Harmonic U L1 | [0] | 0,1 |
| 3967 | SHORT | RD | V | Average, Harmonic U L1 | [1] | 0,1 |
| 3968 | SHORT | RD | V | Average, Harmonic U L1 | [2] | 0,1 |
| 3969 | SHORT | RD | V | Average, Harmonic U L1 | [3] | 0,1 |
| 3970 | SHORT | RD | V | Average, Harmonic U L1 | [4] | 0,1 |
| 3971 | SHORT | RD | V | Average, Harmonic U L1 | [5] | 0,1 |
| 3972 | SHORT | RD | V | Average, Harmonic U L1 | [6] | 0,1 |
| 3973 | SHORT | RD | V | Average, Harmonic U L1 | [7] | 0,1 |
| 3974 | SHORT | RD | V | Average, Harmonic U L1 | [8] | 0,1 |
| 3975 | SHORT | RD | V | Average, Harmonic U L1 | [9] | 0,1 |
| 3976 | SHORT | RD | V | Average, Harmonic U L1 | [10] | 0,1 |
| 3977 | SHORT | RD | V | Average, Harmonic U L1 | [11] | 0,1 |
| 3978 | SHORT | RD | V | Average, Harmonic U L1 | [12] | 0,1 |
| 3979 | SHORT | RD | V | Average, Harmonic U L1 | [13] | 0,1 |
| 3980 | SHORT | RD | V | Average, Harmonic U L1 | [14] | 0,1 |
| 3981 | SHORT | RD | V | Average, Harmonic U L1 | [15] | 0,1 |
| 3982 | SHORT | RD | V | Average, Harmonic U L1 | [16] | 0,1 |
| 3983 | SHORT | RD | V | Average, Harmonic U L1 | [17] | 0,1 |
| 3984 | SHORT | RD | V | Average, Harmonic U L1 | [18] | 0,1 |
| 3985 | SHORT | RD | V | Average, Harmonic U L1 | [19] | 0,1 |
| 3986 | SHORT | RD | V | Average, Harmonic U L1 | [20] | 0,1 |
| 3987 | SHORT | RD | V | Average, Harmonic U L1 | [21] | 0,1 |
| 3988 | SHORT | RD | V | Average, Harmonic U L1 | [22] | 0,1 |
| 3989 | SHORT | RD | V | Average, Harmonic U L1 | [23] | 0,1 |
| 3990 | SHORT | RD | V | Average, Harmonic U L1 | [24] | 0,1 |
| 3991 | SHORT | RD | V | Average, Harmonic U L1 | [25] | 0,1 |
| 3992 | SHORT | RD | V | Average, Harmonic U L1 | [26] | 0,1 |
| 3993 | SHORT | RD | V | Average, Harmonic U L1 | [27] | 0,1 |
| 3994 | SHORT | RD | V | Average, Harmonic U L1 | [28] | 0,1 |
| 3995 | SHORT | RD | V | Average, Harmonic U L1 | [29] | 0,1 |
| 3996 | SHORT | RD | V | Average, Harmonic U L1 | [30] | 0,1 |
| 3997 | SHORT | RD | V | Average, Harmonic U L1 | [31] | 0,1 |
| 3998 | SHORT | RD | V | Average, Harmonic U L1 | [32] | 0,1 |
| 3999 | SHORT | RD | V | Average, Harmonic U L1 | [33] | 0,1 |
| 4000 | SHORT | RD | V | Average, Harmonic U L1 | [34] | 0,1 |
| 4001 | SHORT | RD | V | Average, Harmonic U L1 | [35] | 0,1 |
| 4002 | SHORT | RD | V | Average, Harmonic U L1 | [36] | 0,1 |
| 4003 | SHORT | RD | V | Average, Harmonic U L1 | [37] | 0,1 |
| 4004 | SHORT | RD | V | Average, Harmonic U L1 | [38] | 0,1 |
| 4005 | SHORT | RD | V | Average, Harmonic U L1 | [39] | 0,1 |
| 4006 | SHORT | RD | V | Average, Harmonic U L2 | [0] | 0,1 |
| 4007 | SHORT | RD | V | Average, Harmonic U L2 | [1] | 0,1 |
| 4008 | SHORT | RD | V | Average, Harmonic U L2 | [2] | 0,1 |
| 4009 | SHORT | RD | V | Average, Harmonic U L2 | [3] | 0,1 |
| 4010 | SHORT | RD | V | Average, Harmonic U L2 | [4] | 0,1 |
| 4011 | SHORT | RD | V | Average, Harmonic U L2 | [5] | 0,1 |
| 4012 | SHORT | RD | V | Average, Harmonic U L2 | [6] | 0,1 |
| 4013 | SHORT | RD | V | Average, Harmonic U L2 | [7] | 0,1 |
| 4014 | SHORT | RD | V | Average, Harmonic U L2 | [8] | 0,1 |
| 4015 | SHORT | RD | V | Average, Harmonic U L2 | [9] | 0,1 |
| 4016 | SHORT | RD | V | Average, Harmonic U L2 | [10] | 0,1 |
| 4017 | SHORT | RD | V | Average, Harmonic U L2 | [11] | 0,1 |
| 4018 | SHORT | RD | V | Average, Harmonic U L2 | [12] | 0,1 |
| 4019 | SHORT | RD | V | Average, Harmonic U L2 | [13] | 0,1 |
| 4020 | SHORT | RD | V | Average, Harmonic U L2 | [14] | 0,1 |
| 4021 | SHORT | RD | V | Average, Harmonic U L2 | [15] | 0,1 |
| 4022 | SHORT | RD | V | Average, Harmonic U L2 | [16] | 0,1 |
| 4023 | SHORT | RD | V | Average, Harmonic U L2 | [17] | 0,1 |
| 4024 | SHORT | RD | V | Average, Harmonic U L2 | [18] | 0,1 |
| 4025 | SHORT | RD | V | Average, Harmonic U L2 | [19] | 0,1 |
| 4026 | SHORT | RD | V | Average, Harmonic U L2 | [20] | 0,1 |
| 4027 | SHORT | RD | V | Average, Harmonic U L2 | [21] | 0,1 |
| 4028 | SHORT | RD | V | Average, Harmonic U L2 | [22] | 0,1 |
| 4029 | SHORT | RD | V | Average, Harmonic U L2 | [23] | 0,1 |
| 4030 | SHORT | RD | V | Average, Harmonic U L2 | [24] | 0,1 |
| 4031 | SHORT | RD | V | Average, Harmonic U L2 | [25] | 0,1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---------------------------|-------|------------|
| 4032 | SHORT | RD | V | Average, Harmonic U L2 | [26] | 0,1 |
| 4033 | SHORT | RD | V | Average, Harmonic U L2 | [27] | 0,1 |
| 4034 | SHORT | RD | V | Average, Harmonic U L2 | [28] | 0,1 |
| 4035 | SHORT | RD | V | Average, Harmonic U L2 | [29] | 0,1 |
| 4036 | SHORT | RD | V | Average, Harmonic U L2 | [30] | 0,1 |
| 4037 | SHORT | RD | V | Average, Harmonic U L2 | [31] | 0,1 |
| 4038 | SHORT | RD | V | Average, Harmonic U L2 | [32] | 0,1 |
| 4039 | SHORT | RD | V | Average, Harmonic U L2 | [33] | 0,1 |
| 4040 | SHORT | RD | V | Average, Harmonic U L2 | [34] | 0,1 |
| 4041 | SHORT | RD | V | Average, Harmonic U L2 | [35] | 0,1 |
| 4042 | SHORT | RD | V | Average, Harmonic U L2 | [36] | 0,1 |
| 4043 | SHORT | RD | V | Average, Harmonic U L2 | [37] | 0,1 |
| 4044 | SHORT | RD | V | Average, Harmonic U L2 | [38] | 0,1 |
| 4045 | SHORT | RD | V | Average, Harmonic U L2 | [39] | 0,1 |
| 4046 | SHORT | RD | V | Average, Harmonic U L3 | [0] | 0,1 |
| 4047 | SHORT | RD | V | Average, Harmonic U L3 | [1] | 0,1 |
| 4048 | SHORT | RD | V | Average, Harmonic U L3 | [2] | 0,1 |
| 4049 | SHORT | RD | V | Average, Harmonic U L3 | [3] | 0,1 |
| 4050 | SHORT | RD | V | Average, Harmonic U L3 | [4] | 0,1 |
| 4051 | SHORT | RD | V | Average, Harmonic U L3 | [5] | 0,1 |
| 4052 | SHORT | RD | V | Average, Harmonic U L3 | [6] | 0,1 |
| 4053 | SHORT | RD | V | Average, Harmonic U L3 | [7] | 0,1 |
| 4054 | SHORT | RD | V | Average, Harmonic U L3 | [8] | 0,1 |
| 4055 | SHORT | RD | V | Average, Harmonic U L3 | [9] | 0,1 |
| 4056 | SHORT | RD | V | Average, Harmonic U L3 | [10] | 0,1 |
| 4057 | SHORT | RD | V | Average, Harmonic U L3 | [11] | 0,1 |
| 4058 | SHORT | RD | V | Average, Harmonic U L3 | [12] | 0,1 |
| 4059 | SHORT | RD | V | Average, Harmonic U L3 | [13] | 0,1 |
| 4060 | SHORT | RD | V | Average, Harmonic U L3 | [14] | 0,1 |
| 4061 | SHORT | RD | V | Average, Harmonic U L3 | [15] | 0,1 |
| 4062 | SHORT | RD | V | Average, Harmonic U L3 | [16] | 0,1 |
| 4063 | SHORT | RD | V | Average, Harmonic U L3 | [17] | 0,1 |
| 4064 | SHORT | RD | V | Average, Harmonic U L3 | [18] | 0,1 |
| 4065 | SHORT | RD | V | Average, Harmonic U L3 | [19] | 0,1 |
| 4066 | SHORT | RD | V | Average, Harmonic U L3 | [20] | 0,1 |
| 4067 | SHORT | RD | V | Average, Harmonic U L3 | [21] | 0,1 |
| 4068 | SHORT | RD | V | Average, Harmonic U L3 | [22] | 0,1 |
| 4069 | SHORT | RD | V | Average, Harmonic U L3 | [23] | 0,1 |
| 4070 | SHORT | RD | V | Average, Harmonic U L3 | [24] | 0,1 |
| 4071 | SHORT | RD | V | Average, Harmonic U L3 | [25] | 0,1 |
| 4072 | SHORT | RD | V | Average, Harmonic U L3 | [26] | 0,1 |
| 4073 | SHORT | RD | V | Average, Harmonic U L3 | [27] | 0,1 |
| 4074 | SHORT | RD | V | Average, Harmonic U L3 | [28] | 0,1 |
| 4075 | SHORT | RD | V | Average, Harmonic U L3 | [29] | 0,1 |
| 4076 | SHORT | RD | V | Average, Harmonic U L3 | [30] | 0,1 |
| 4077 | SHORT | RD | V | Average, Harmonic U L3 | [31] | 0,1 |
| 4078 | SHORT | RD | V | Average, Harmonic U L3 | [32] | 0,1 |
| 4079 | SHORT | RD | V | Average, Harmonic U L3 | [33] | 0,1 |
| 4080 | SHORT | RD | V | Average, Harmonic U L3 | [34] | 0,1 |
| 4081 | SHORT | RD | V | Average, Harmonic U L3 | [35] | 0,1 |
| 4082 | SHORT | RD | V | Average, Harmonic U L3 | [36] | 0,1 |
| 4083 | SHORT | RD | V | Average, Harmonic U L3 | [37] | 0,1 |
| 4084 | SHORT | RD | V | Average, Harmonic U L3 | [38] | 0,1 |
| 4085 | SHORT | RD | V | Average, Harmonic U L3 | [39] | 0,1 |
| 4086 | SHORT | RD | V | Average, Harmonic U L1-L2 | [0] | 0,1 |
| 4087 | SHORT | RD | V | Average, Harmonic U L1-L2 | [1] | 0,1 |
| 4088 | SHORT | RD | V | Average, Harmonic U L1-L2 | [2] | 0,1 |
| 4089 | SHORT | RD | V | Average, Harmonic U L1-L2 | [3] | 0,1 |
| 4090 | SHORT | RD | V | Average, Harmonic U L1-L2 | [4] | 0,1 |
| 4091 | SHORT | RD | V | Average, Harmonic U L1-L2 | [5] | 0,1 |
| 4092 | SHORT | RD | V | Average, Harmonic U L1-L2 | [6] | 0,1 |
| 4093 | SHORT | RD | V | Average, Harmonic U L1-L2 | [7] | 0,1 |
| 4094 | SHORT | RD | V | Average, Harmonic U L1-L2 | [8] | 0,1 |
| 4095 | SHORT | RD | V | Average, Harmonic U L1-L2 | [9] | 0,1 |
| 4096 | SHORT | RD | V | Average, Harmonic U L1-L2 | [10] | 0,1 |
| 4097 | SHORT | RD | V | Average, Harmonic U L1-L2 | [11] | 0,1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---------------------------|-------|------------|
| 4098 | SHORT | RD | V | Average, Harmonic U L1-L2 | [12] | 0,1 |
| 4099 | SHORT | RD | V | Average, Harmonic U L1-L2 | [13] | 0,1 |
| 4100 | SHORT | RD | V | Average, Harmonic U L1-L2 | [14] | 0,1 |
| 4101 | SHORT | RD | V | Average, Harmonic U L1-L2 | [15] | 0,1 |
| 4102 | SHORT | RD | V | Average, Harmonic U L1-L2 | [16] | 0,1 |
| 4103 | SHORT | RD | V | Average, Harmonic U L1-L2 | [17] | 0,1 |
| 4104 | SHORT | RD | V | Average, Harmonic U L1-L2 | [18] | 0,1 |
| 4105 | SHORT | RD | V | Average, Harmonic U L1-L2 | [19] | 0,1 |
| 4106 | SHORT | RD | V | Average, Harmonic U L1-L2 | [20] | 0,1 |
| 4107 | SHORT | RD | V | Average, Harmonic U L1-L2 | [21] | 0,1 |
| 4108 | SHORT | RD | V | Average, Harmonic U L1-L2 | [22] | 0,1 |
| 4109 | SHORT | RD | V | Average, Harmonic U L1-L2 | [23] | 0,1 |
| 4110 | SHORT | RD | V | Average, Harmonic U L1-L2 | [24] | 0,1 |
| 4111 | SHORT | RD | V | Average, Harmonic U L1-L2 | [25] | 0,1 |
| 4112 | SHORT | RD | V | Average, Harmonic U L1-L2 | [26] | 0,1 |
| 4113 | SHORT | RD | V | Average, Harmonic U L1-L2 | [27] | 0,1 |
| 4114 | SHORT | RD | V | Average, Harmonic U L1-L2 | [28] | 0,1 |
| 4115 | SHORT | RD | V | Average, Harmonic U L1-L2 | [29] | 0,1 |
| 4116 | SHORT | RD | V | Average, Harmonic U L1-L2 | [30] | 0,1 |
| 4117 | SHORT | RD | V | Average, Harmonic U L1-L2 | [31] | 0,1 |
| 4118 | SHORT | RD | V | Average, Harmonic U L1-L2 | [32] | 0,1 |
| 4119 | SHORT | RD | V | Average, Harmonic U L1-L2 | [33] | 0,1 |
| 4120 | SHORT | RD | V | Average, Harmonic U L1-L2 | [34] | 0,1 |
| 4121 | SHORT | RD | V | Average, Harmonic U L1-L2 | [35] | 0,1 |
| 4122 | SHORT | RD | V | Average, Harmonic U L1-L2 | [36] | 0,1 |
| 4123 | SHORT | RD | V | Average, Harmonic U L1-L2 | [37] | 0,1 |
| 4124 | SHORT | RD | V | Average, Harmonic U L1-L2 | [38] | 0,1 |
| 4125 | SHORT | RD | V | Average, Harmonic U L1-L2 | [39] | 0,1 |
| 4126 | SHORT | RD | V | Average, Harmonic U L2-L3 | [0] | 0,1 |
| 4127 | SHORT | RD | V | Average, Harmonic U L2-L3 | [1] | 0,1 |
| 4128 | SHORT | RD | V | Average, Harmonic U L2-L3 | [2] | 0,1 |
| 4129 | SHORT | RD | V | Average, Harmonic U L2-L3 | [3] | 0,1 |
| 4130 | SHORT | RD | V | Average, Harmonic U L2-L3 | [4] | 0,1 |
| 4131 | SHORT | RD | V | Average, Harmonic U L2-L3 | [5] | 0,1 |
| 4132 | SHORT | RD | V | Average, Harmonic U L2-L3 | [6] | 0,1 |
| 4133 | SHORT | RD | V | Average, Harmonic U L2-L3 | [7] | 0,1 |
| 4134 | SHORT | RD | V | Average, Harmonic U L2-L3 | [8] | 0,1 |
| 4135 | SHORT | RD | V | Average, Harmonic U L2-L3 | [9] | 0,1 |
| 4136 | SHORT | RD | V | Average, Harmonic U L2-L3 | [10] | 0,1 |
| 4137 | SHORT | RD | V | Average, Harmonic U L2-L3 | [11] | 0,1 |
| 4138 | SHORT | RD | V | Average, Harmonic U L2-L3 | [12] | 0,1 |
| 4139 | SHORT | RD | V | Average, Harmonic U L2-L3 | [13] | 0,1 |
| 4140 | SHORT | RD | V | Average, Harmonic U L2-L3 | [14] | 0,1 |
| 4141 | SHORT | RD | V | Average, Harmonic U L2-L3 | [15] | 0,1 |
| 4142 | SHORT | RD | V | Average, Harmonic U L2-L3 | [16] | 0,1 |
| 4143 | SHORT | RD | V | Average, Harmonic U L2-L3 | [17] | 0,1 |
| 4144 | SHORT | RD | V | Average, Harmonic U L2-L3 | [18] | 0,1 |
| 4145 | SHORT | RD | V | Average, Harmonic U L2-L3 | [19] | 0,1 |
| 4146 | SHORT | RD | V | Average, Harmonic U L2-L3 | [20] | 0,1 |
| 4147 | SHORT | RD | V | Average, Harmonic U L2-L3 | [21] | 0,1 |
| 4148 | SHORT | RD | V | Average, Harmonic U L2-L3 | [22] | 0,1 |
| 4149 | SHORT | RD | V | Average, Harmonic U L2-L3 | [23] | 0,1 |
| 4150 | SHORT | RD | V | Average, Harmonic U L2-L3 | [24] | 0,1 |
| 4151 | SHORT | RD | V | Average, Harmonic U L2-L3 | [25] | 0,1 |
| 4152 | SHORT | RD | V | Average, Harmonic U L2-L3 | [26] | 0,1 |
| 4153 | SHORT | RD | V | Average, Harmonic U L2-L3 | [27] | 0,1 |
| 4154 | SHORT | RD | V | Average, Harmonic U L2-L3 | [28] | 0,1 |
| 4155 | SHORT | RD | V | Average, Harmonic U L2-L3 | [29] | 0,1 |
| 4156 | SHORT | RD | V | Average, Harmonic U L2-L3 | [30] | 0,1 |
| 4157 | SHORT | RD | V | Average, Harmonic U L2-L3 | [31] | 0,1 |
| 4158 | SHORT | RD | V | Average, Harmonic U L2-L3 | [32] | 0,1 |
| 4159 | SHORT | RD | V | Average, Harmonic U L2-L3 | [33] | 0,1 |
| 4160 | SHORT | RD | V | Average, Harmonic U L2-L3 | [34] | 0,1 |
| 4161 | SHORT | RD | V | Average, Harmonic U L2-L3 | [35] | 0,1 |
| 4162 | SHORT | RD | V | Average, Harmonic U L2-L3 | [36] | 0,1 |
| 4163 | SHORT | RD | V | Average, Harmonic U L2-L3 | [37] | 0,1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|---------------------------|-------|------------|
| 4164 | SHORT | RD | V | Average, Harmonic U L2-L3 | [38] | 0,1 |
| 4165 | SHORT | RD | V | Average, Harmonic U L2-L3 | [39] | 0,1 |
| 4166 | SHORT | RD | V | Average, Harmonic U L3-L1 | [0] | 0,1 |
| 4167 | SHORT | RD | V | Average, Harmonic U L3-L1 | [1] | 0,1 |
| 4168 | SHORT | RD | V | Average, Harmonic U L3-L1 | [2] | 0,1 |
| 4169 | SHORT | RD | V | Average, Harmonic U L3-L1 | [3] | 0,1 |
| 4170 | SHORT | RD | V | Average, Harmonic U L3-L1 | [4] | 0,1 |
| 4171 | SHORT | RD | V | Average, Harmonic U L3-L1 | [5] | 0,1 |
| 4172 | SHORT | RD | V | Average, Harmonic U L3-L1 | [6] | 0,1 |
| 4173 | SHORT | RD | V | Average, Harmonic U L3-L1 | [7] | 0,1 |
| 4174 | SHORT | RD | V | Average, Harmonic U L3-L1 | [8] | 0,1 |
| 4175 | SHORT | RD | V | Average, Harmonic U L3-L1 | [9] | 0,1 |
| 4176 | SHORT | RD | V | Average, Harmonic U L3-L1 | [10] | 0,1 |
| 4177 | SHORT | RD | V | Average, Harmonic U L3-L1 | [11] | 0,1 |
| 4178 | SHORT | RD | V | Average, Harmonic U L3-L1 | [12] | 0,1 |
| 4179 | SHORT | RD | V | Average, Harmonic U L3-L1 | [13] | 0,1 |
| 4180 | SHORT | RD | V | Average, Harmonic U L3-L1 | [14] | 0,1 |
| 4181 | SHORT | RD | V | Average, Harmonic U L3-L1 | [15] | 0,1 |
| 4182 | SHORT | RD | V | Average, Harmonic U L3-L1 | [16] | 0,1 |
| 4183 | SHORT | RD | V | Average, Harmonic U L3-L1 | [17] | 0,1 |
| 4184 | SHORT | RD | V | Average, Harmonic U L3-L1 | [18] | 0,1 |
| 4185 | SHORT | RD | V | Average, Harmonic U L3-L1 | [19] | 0,1 |
| 4186 | SHORT | RD | V | Average, Harmonic U L3-L1 | [20] | 0,1 |
| 4187 | SHORT | RD | V | Average, Harmonic U L3-L1 | [21] | 0,1 |
| 4188 | SHORT | RD | V | Average, Harmonic U L3-L1 | [22] | 0,1 |
| 4189 | SHORT | RD | V | Average, Harmonic U L3-L1 | [23] | 0,1 |
| 4190 | SHORT | RD | V | Average, Harmonic U L3-L1 | [24] | 0,1 |
| 4191 | SHORT | RD | V | Average, Harmonic U L3-L1 | [25] | 0,1 |
| 4192 | SHORT | RD | V | Average, Harmonic U L3-L1 | [26] | 0,1 |
| 4193 | SHORT | RD | V | Average, Harmonic U L3-L1 | [27] | 0,1 |
| 4194 | SHORT | RD | V | Average, Harmonic U L3-L1 | [28] | 0,1 |
| 4195 | SHORT | RD | V | Average, Harmonic U L3-L1 | [29] | 0,1 |
| 4196 | SHORT | RD | V | Average, Harmonic U L3-L1 | [30] | 0,1 |
| 4197 | SHORT | RD | V | Average, Harmonic U L3-L1 | [31] | 0,1 |
| 4198 | SHORT | RD | V | Average, Harmonic U L3-L1 | [32] | 0,1 |
| 4199 | SHORT | RD | V | Average, Harmonic U L3-L1 | [33] | 0,1 |
| 4200 | SHORT | RD | V | Average, Harmonic U L3-L1 | [34] | 0,1 |
| 4201 | SHORT | RD | V | Average, Harmonic U L3-L1 | [35] | 0,1 |
| 4202 | SHORT | RD | V | Average, Harmonic U L3-L1 | [36] | 0,1 |
| 4203 | SHORT | RD | V | Average, Harmonic U L3-L1 | [37] | 0,1 |
| 4204 | SHORT | RD | V | Average, Harmonic U L3-L1 | [38] | 0,1 |
| 4205 | SHORT | RD | V | Average, Harmonic U L3-L1 | [39] | 0,1 |
| 4226 | SHORT | RD | mA | Average, Harmonic I L1 | [0] | 1 |
| 4227 | SHORT | RD | mA | Average, Harmonic I L1 | [1] | 1 |
| 4228 | SHORT | RD | mA | Average, Harmonic I L1 | [2] | 1 |
| 4229 | SHORT | RD | mA | Average, Harmonic I L1 | [3] | 1 |
| 4230 | SHORT | RD | mA | Average, Harmonic I L1 | [4] | 1 |
| 4231 | SHORT | RD | mA | Average, Harmonic I L1 | [5] | 1 |
| 4232 | SHORT | RD | mA | Average, Harmonic I L1 | [6] | 1 |
| 4233 | SHORT | RD | mA | Average, Harmonic I L1 | [7] | 1 |
| 4234 | SHORT | RD | mA | Average, Harmonic I L1 | [8] | 1 |
| 4235 | SHORT | RD | mA | Average, Harmonic I L1 | [9] | 1 |
| 4236 | SHORT | RD | mA | Average, Harmonic I L1 | [10] | 1 |
| 4237 | SHORT | RD | mA | Average, Harmonic I L1 | [11] | 1 |
| 4238 | SHORT | RD | mA | Average, Harmonic I L1 | [12] | 1 |
| 4239 | SHORT | RD | mA | Average, Harmonic I L1 | [13] | 1 |
| 4240 | SHORT | RD | mA | Average, Harmonic I L1 | [14] | 1 |
| 4241 | SHORT | RD | mA | Average, Harmonic I L1 | [15] | 1 |
| 4242 | SHORT | RD | mA | Average, Harmonic I L1 | [16] | 1 |
| 4243 | SHORT | RD | mA | Average, Harmonic I L1 | [17] | 1 |
| 4244 | SHORT | RD | mA | Average, Harmonic I L1 | [18] | 1 |
| 4245 | SHORT | RD | mA | Average, Harmonic I L1 | [19] | 1 |
| 4246 | SHORT | RD | mA | Average, Harmonic I L1 | [20] | 1 |
| 4247 | SHORT | RD | mA | Average, Harmonic I L1 | [21] | 1 |
| 4248 | SHORT | RD | mA | Average, Harmonic I L1 | [22] | 1 |
| 4249 | SHORT | RD | mA | Average, Harmonic I L1 | [23] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------|-------|------------|
| 4250 | SHORT | RD | mA | Average, Harmonic I L1 | [24] | 1 |
| 4251 | SHORT | RD | mA | Average, Harmonic I L1 | [25] | 1 |
| 4252 | SHORT | RD | mA | Average, Harmonic I L1 | [26] | 1 |
| 4253 | SHORT | RD | mA | Average, Harmonic I L1 | [27] | 1 |
| 4254 | SHORT | RD | mA | Average, Harmonic I L1 | [28] | 1 |
| 4255 | SHORT | RD | mA | Average, Harmonic I L1 | [29] | 1 |
| 4256 | SHORT | RD | mA | Average, Harmonic I L1 | [30] | 1 |
| 4257 | SHORT | RD | mA | Average, Harmonic I L1 | [31] | 1 |
| 4258 | SHORT | RD | mA | Average, Harmonic I L1 | [32] | 1 |
| 4259 | SHORT | RD | mA | Average, Harmonic I L1 | [33] | 1 |
| 4260 | SHORT | RD | mA | Average, Harmonic I L1 | [34] | 1 |
| 4261 | SHORT | RD | mA | Average, Harmonic I L1 | [35] | 1 |
| 4262 | SHORT | RD | mA | Average, Harmonic I L1 | [36] | 1 |
| 4263 | SHORT | RD | mA | Average, Harmonic I L1 | [37] | 1 |
| 4264 | SHORT | RD | mA | Average, Harmonic I L1 | [38] | 1 |
| 4265 | SHORT | RD | mA | Average, Harmonic I L1 | [39] | 1 |
| 4266 | SHORT | RD | mA | Average, Harmonic I L2 | [0] | 1 |
| 4267 | SHORT | RD | mA | Average, Harmonic I L2 | [1] | 1 |
| 4268 | SHORT | RD | mA | Average, Harmonic I L2 | [2] | 1 |
| 4269 | SHORT | RD | mA | Average, Harmonic I L2 | [3] | 1 |
| 4270 | SHORT | RD | mA | Average, Harmonic I L2 | [4] | 1 |
| 4271 | SHORT | RD | mA | Average, Harmonic I L2 | [5] | 1 |
| 4272 | SHORT | RD | mA | Average, Harmonic I L2 | [6] | 1 |
| 4273 | SHORT | RD | mA | Average, Harmonic I L2 | [7] | 1 |
| 4274 | SHORT | RD | mA | Average, Harmonic I L2 | [8] | 1 |
| 4275 | SHORT | RD | mA | Average, Harmonic I L2 | [9] | 1 |
| 4276 | SHORT | RD | mA | Average, Harmonic I L2 | [10] | 1 |
| 4277 | SHORT | RD | mA | Average, Harmonic I L2 | [11] | 1 |
| 4278 | SHORT | RD | mA | Average, Harmonic I L2 | [12] | 1 |
| 4279 | SHORT | RD | mA | Average, Harmonic I L2 | [13] | 1 |
| 4280 | SHORT | RD | mA | Average, Harmonic I L2 | [14] | 1 |
| 4281 | SHORT | RD | mA | Average, Harmonic I L2 | [15] | 1 |
| 4282 | SHORT | RD | mA | Average, Harmonic I L2 | [16] | 1 |
| 4283 | SHORT | RD | mA | Average, Harmonic I L2 | [17] | 1 |
| 4284 | SHORT | RD | mA | Average, Harmonic I L2 | [18] | 1 |
| 4285 | SHORT | RD | mA | Average, Harmonic I L2 | [19] | 1 |
| 4286 | SHORT | RD | mA | Average, Harmonic I L2 | [20] | 1 |
| 4287 | SHORT | RD | mA | Average, Harmonic I L2 | [21] | 1 |
| 4288 | SHORT | RD | mA | Average, Harmonic I L2 | [22] | 1 |
| 4289 | SHORT | RD | mA | Average, Harmonic I L2 | [23] | 1 |
| 4290 | SHORT | RD | mA | Average, Harmonic I L2 | [24] | 1 |
| 4291 | SHORT | RD | mA | Average, Harmonic I L2 | [25] | 1 |
| 4292 | SHORT | RD | mA | Average, Harmonic I L2 | [26] | 1 |
| 4293 | SHORT | RD | mA | Average, Harmonic I L2 | [27] | 1 |
| 4294 | SHORT | RD | mA | Average, Harmonic I L2 | [28] | 1 |
| 4295 | SHORT | RD | mA | Average, Harmonic I L2 | [29] | 1 |
| 4296 | SHORT | RD | mA | Average, Harmonic I L2 | [30] | 1 |
| 4297 | SHORT | RD | mA | Average, Harmonic I L2 | [31] | 1 |
| 4298 | SHORT | RD | mA | Average, Harmonic I L2 | [32] | 1 |
| 4299 | SHORT | RD | mA | Average, Harmonic I L2 | [33] | 1 |
| 4300 | SHORT | RD | mA | Average, Harmonic I L2 | [34] | 1 |
| 4301 | SHORT | RD | mA | Average, Harmonic I L2 | [35] | 1 |
| 4302 | SHORT | RD | mA | Average, Harmonic I L2 | [36] | 1 |
| 4303 | SHORT | RD | mA | Average, Harmonic I L2 | [37] | 1 |
| 4304 | SHORT | RD | mA | Average, Harmonic I L2 | [38] | 1 |
| 4305 | SHORT | RD | mA | Average, Harmonic I L2 | [39] | 1 |
| 4306 | SHORT | RD | mA | Average, Harmonic I L3 | [0] | 1 |
| 4307 | SHORT | RD | mA | Average, Harmonic I L3 | [1] | 1 |
| 4308 | SHORT | RD | mA | Average, Harmonic I L3 | [2] | 1 |
| 4309 | SHORT | RD | mA | Average, Harmonic I L3 | [3] | 1 |
| 4310 | SHORT | RD | mA | Average, Harmonic I L3 | [4] | 1 |
| 4311 | SHORT | RD | mA | Average, Harmonic I L3 | [5] | 1 |
| 4312 | SHORT | RD | mA | Average, Harmonic I L3 | [6] | 1 |
| 4313 | SHORT | RD | mA | Average, Harmonic I L3 | [7] | 1 |
| 4314 | SHORT | RD | mA | Average, Harmonic I L3 | [8] | 1 |
| 4315 | SHORT | RD | mA | Average, Harmonic I L3 | [9] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------|-------|------------|
| 4316 | SHORT | RD | mA | Average, Harmonic I L3 | [10] | 1 |
| 4317 | SHORT | RD | mA | Average, Harmonic I L3 | [11] | 1 |
| 4318 | SHORT | RD | mA | Average, Harmonic I L3 | [12] | 1 |
| 4319 | SHORT | RD | mA | Average, Harmonic I L3 | [13] | 1 |
| 4320 | SHORT | RD | mA | Average, Harmonic I L3 | [14] | 1 |
| 4321 | SHORT | RD | mA | Average, Harmonic I L3 | [15] | 1 |
| 4322 | SHORT | RD | mA | Average, Harmonic I L3 | [16] | 1 |
| 4323 | SHORT | RD | mA | Average, Harmonic I L3 | [17] | 1 |
| 4324 | SHORT | RD | mA | Average, Harmonic I L3 | [18] | 1 |
| 4325 | SHORT | RD | mA | Average, Harmonic I L3 | [19] | 1 |
| 4326 | SHORT | RD | mA | Average, Harmonic I L3 | [20] | 1 |
| 4327 | SHORT | RD | mA | Average, Harmonic I L3 | [21] | 1 |
| 4328 | SHORT | RD | mA | Average, Harmonic I L3 | [22] | 1 |
| 4329 | SHORT | RD | mA | Average, Harmonic I L3 | [23] | 1 |
| 4330 | SHORT | RD | mA | Average, Harmonic I L3 | [24] | 1 |
| 4331 | SHORT | RD | mA | Average, Harmonic I L3 | [25] | 1 |
| 4332 | SHORT | RD | mA | Average, Harmonic I L3 | [26] | 1 |
| 4333 | SHORT | RD | mA | Average, Harmonic I L3 | [27] | 1 |
| 4334 | SHORT | RD | mA | Average, Harmonic I L3 | [28] | 1 |
| 4335 | SHORT | RD | mA | Average, Harmonic I L3 | [29] | 1 |
| 4336 | SHORT | RD | mA | Average, Harmonic I L3 | [30] | 1 |
| 4337 | SHORT | RD | mA | Average, Harmonic I L3 | [31] | 1 |
| 4338 | SHORT | RD | mA | Average, Harmonic I L3 | [32] | 1 |
| 4339 | SHORT | RD | mA | Average, Harmonic I L3 | [33] | 1 |
| 4340 | SHORT | RD | mA | Average, Harmonic I L3 | [34] | 1 |
| 4341 | SHORT | RD | mA | Average, Harmonic I L3 | [35] | 1 |
| 4342 | SHORT | RD | mA | Average, Harmonic I L3 | [36] | 1 |
| 4343 | SHORT | RD | mA | Average, Harmonic I L3 | [37] | 1 |
| 4344 | SHORT | RD | mA | Average, Harmonic I L3 | [38] | 1 |
| 4345 | SHORT | RD | mA | Average, Harmonic I L3 | [39] | 1 |
| 10777 | SHORT | RD | mA | mAverage Harmonic A L4 | [0] | 1 |
| 10778 | SHORT | RD | mA | mAverage Harmonic A L4 | [1] | 1 |
| 10779 | SHORT | RD | mA | mAverage Harmonic A L4 | [2] | 1 |
| 10780 | SHORT | RD | mA | mAverage Harmonic A L4 | [3] | 1 |
| 10781 | SHORT | RD | mA | mAverage Harmonic A L4 | [4] | 1 |
| 10782 | SHORT | RD | mA | mAverage Harmonic A L4 | [5] | 1 |
| 10783 | SHORT | RD | mA | mAverage Harmonic A L4 | [6] | 1 |
| 10784 | SHORT | RD | mA | mAverage Harmonic A L4 | [7] | 1 |
| 10785 | SHORT | RD | mA | mAverage Harmonic A L4 | [8] | 1 |
| 10786 | SHORT | RD | mA | mAverage Harmonic A L4 | [9] | 1 |
| 10787 | SHORT | RD | mA | mAverage Harmonic A L4 | [10] | 1 |
| 10788 | SHORT | RD | mA | mAverage Harmonic A L4 | [11] | 1 |
| 10789 | SHORT | RD | mA | mAverage Harmonic A L4 | [12] | 1 |
| 10790 | SHORT | RD | mA | mAverage Harmonic A L4 | [13] | 1 |
| 10791 | SHORT | RD | mA | mAverage Harmonic A L4 | [14] | 1 |
| 10792 | SHORT | RD | mA | mAverage Harmonic A L4 | [15] | 1 |
| 10793 | SHORT | RD | mA | mAverage Harmonic A L4 | [16] | 1 |
| 10794 | SHORT | RD | mA | mAverage Harmonic A L4 | [17] | 1 |
| 10795 | SHORT | RD | mA | mAverage Harmonic A L4 | [18] | 1 |
| 10796 | SHORT | RD | mA | mAverage Harmonic A L4 | [19] | 1 |
| 10797 | SHORT | RD | mA | mAverage Harmonic A L4 | [20] | 1 |
| 10798 | SHORT | RD | mA | mAverage Harmonic A L4 | [21] | 1 |
| 10799 | SHORT | RD | mA | mAverage Harmonic A L4 | [22] | 1 |
| 10800 | SHORT | RD | mA | mAverage Harmonic A L4 | [23] | 1 |
| 10801 | SHORT | RD | mA | mAverage Harmonic A L4 | [24] | 1 |
| 10802 | SHORT | RD | mA | mAverage Harmonic A L4 | [25] | 1 |
| 10803 | SHORT | RD | mA | mAverage Harmonic A L4 | [26] | 1 |
| 10804 | SHORT | RD | mA | mAverage Harmonic A L4 | [27] | 1 |
| 10805 | SHORT | RD | mA | mAverage Harmonic A L4 | [28] | 1 |
| 10806 | SHORT | RD | mA | mAverage Harmonic A L4 | [29] | 1 |
| 10807 | SHORT | RD | mA | mAverage Harmonic A L4 | [30] | 1 |
| 10808 | SHORT | RD | mA | mAverage Harmonic A L4 | [31] | 1 |
| 10809 | SHORT | RD | mA | mAverage Harmonic A L4 | [32] | 1 |
| 10810 | SHORT | RD | mA | mAverage Harmonic A L4 | [33] | 1 |
| 10811 | SHORT | RD | mA | mAverage Harmonic A L4 | [34] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|----------------------------|-------|------------|
| 10812 | SHORT | RD | mA | mAverage Harmonic A L4 | [35] | 1 |
| 10813 | SHORT | RD | mA | mAverage Harmonic A L4 | [36] | 1 |
| 10814 | SHORT | RD | mA | mAverage Harmonic A L4 | [37] | 1 |
| 10815 | SHORT | RD | mA | mAverage Harmonic A L4 | [38] | 1 |
| 10816 | SHORT | RD | mA | mAverage Harmonic A L4 | [39] | 1 |
| 11369 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [0] | 1 |
| 11370 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [1] | 1 |
| 11371 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [2] | 1 |
| 11372 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [3] | 1 |
| 11373 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [4] | 1 |
| 11374 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [5] | 1 |
| 11375 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [6] | 1 |
| 11376 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [7] | 1 |
| 11377 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [8] | 1 |
| 11378 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [9] | 1 |
| 11379 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [10] | 1 |
| 11380 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [11] | 1 |
| 11381 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [12] | 1 |
| 11382 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [13] | 1 |
| 11383 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [14] | 1 |
| 11384 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [15] | 1 |
| 11385 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [16] | 1 |
| 11386 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [17] | 1 |
| 11387 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [18] | 1 |
| 11388 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [19] | 1 |
| 11389 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [20] | 1 |
| 11390 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [21] | 1 |
| 11391 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [22] | 1 |
| 11392 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [23] | 1 |
| 11393 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [24] | 1 |
| 11394 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [25] | 1 |
| 11395 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [26] | 1 |
| 11396 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [27] | 1 |
| 11397 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [28] | 1 |
| 11398 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [29] | 1 |
| 11399 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [30] | 1 |
| 11400 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [31] | 1 |
| 11401 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [32] | 1 |
| 11402 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [33] | 1 |
| 11403 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [34] | 1 |
| 11404 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [35] | 1 |
| 11405 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [36] | 1 |
| 11406 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [37] | 1 |
| 11407 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [38] | 1 |
| 11408 | SHORT | RD | mA | mAverage, Harmonic I Diff1 | [39] | 1 |
| 11409 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [0] | 1 |
| 11410 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [1] | 1 |
| 11411 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [2] | 1 |
| 11412 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [3] | 1 |
| 11413 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [4] | 1 |
| 11414 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [5] | 1 |
| 11415 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [6] | 1 |
| 11416 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [7] | 1 |
| 11417 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [8] | 1 |
| 11418 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [9] | 1 |
| 11419 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [10] | 1 |
| 11420 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [11] | 1 |
| 11421 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [12] | 1 |
| 11422 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [13] | 1 |
| 11423 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [14] | 1 |
| 11424 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [15] | 1 |
| 11425 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [16] | 1 |
| 11426 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [17] | 1 |
| 11427 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [18] | 1 |
| 11428 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [19] | 1 |

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|----------------------------|-------|------------|
| 11429 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [20] | 1 |
| 11430 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [21] | 1 |
| 11431 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [22] | 1 |
| 11432 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [23] | 1 |
| 11433 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [24] | 1 |
| 11434 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [25] | 1 |
| 11435 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [26] | 1 |
| 11436 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [27] | 1 |
| 11437 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [28] | 1 |
| 11438 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [29] | 1 |
| 11439 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [30] | 1 |
| 11440 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [31] | 1 |
| 11441 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [32] | 1 |
| 11442 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [33] | 1 |
| 11443 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [34] | 1 |
| 11444 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [35] | 1 |
| 11445 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [36] | 1 |
| 11446 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [37] | 1 |
| 11447 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [38] | 1 |
| 11448 | SHORT | RD | mA | mAverage, Harmonic I Diff2 | [39] | 1 |

Maximum values, type float, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------------|-------|
| 2598 | FLOAT | RD | V | Maximum, Harmonic U L1 | [0] |
| 2600 | FLOAT | RD | V | Maximum, Harmonic U L1 | [1] |
| 2602 | FLOAT | RD | V | Maximum, Harmonic U L1 | [2] |
| 2604 | FLOAT | RD | V | Maximum, Harmonic U L1 | [3] |
| 2606 | FLOAT | RD | V | Maximum, Harmonic U L1 | [4] |
| 2608 | FLOAT | RD | V | Maximum, Harmonic U L1 | [5] |
| 2610 | FLOAT | RD | V | Maximum, Harmonic U L1 | [6] |
| 2612 | FLOAT | RD | V | Maximum, Harmonic U L1 | [7] |
| 2614 | FLOAT | RD | V | Maximum, Harmonic U L1 | [8] |
| 2616 | FLOAT | RD | V | Maximum, Harmonic U L1 | [9] |
| 2618 | FLOAT | RD | V | Maximum, Harmonic U L1 | [10] |
| 2620 | FLOAT | RD | V | Maximum, Harmonic U L1 | [11] |
| 2622 | FLOAT | RD | V | Maximum, Harmonic U L1 | [12] |
| 2624 | FLOAT | RD | V | Maximum, Harmonic U L1 | [13] |
| 2626 | FLOAT | RD | V | Maximum, Harmonic U L1 | [14] |
| 2628 | FLOAT | RD | V | Maximum, Harmonic U L1 | [15] |
| 2630 | FLOAT | RD | V | Maximum, Harmonic U L1 | [16] |
| 2632 | FLOAT | RD | V | Maximum, Harmonic U L1 | [17] |
| 2634 | FLOAT | RD | V | Maximum, Harmonic U L1 | [18] |
| 2636 | FLOAT | RD | V | Maximum, Harmonic U L1 | [19] |
| 2638 | FLOAT | RD | V | Maximum, Harmonic U L1 | [20] |
| 2640 | FLOAT | RD | V | Maximum, Harmonic U L1 | [21] |
| 2642 | FLOAT | RD | V | Maximum, Harmonic U L1 | [22] |
| 2644 | FLOAT | RD | V | Maximum, Harmonic U L1 | [23] |
| 2646 | FLOAT | RD | V | Maximum, Harmonic U L1 | [24] |
| 2648 | FLOAT | RD | V | Maximum, Harmonic U L1 | [25] |
| 2650 | FLOAT | RD | V | Maximum, Harmonic U L1 | [26] |
| 2652 | FLOAT | RD | V | Maximum, Harmonic U L1 | [27] |
| 2654 | FLOAT | RD | V | Maximum, Harmonic U L1 | [28] |
| 2656 | FLOAT | RD | V | Maximum, Harmonic U L1 | [29] |
| 2658 | FLOAT | RD | V | Maximum, Harmonic U L1 | [30] |
| 2660 | FLOAT | RD | V | Maximum, Harmonic U L1 | [31] |
| 2662 | FLOAT | RD | V | Maximum, Harmonic U L1 | [32] |
| 2664 | FLOAT | RD | V | Maximum, Harmonic U L1 | [33] |
| 2666 | FLOAT | RD | V | Maximum, Harmonic U L1 | [34] |
| 2668 | FLOAT | RD | V | Maximum, Harmonic U L1 | [35] |
| 2670 | FLOAT | RD | V | Maximum, Harmonic U L1 | [36] |
| 2672 | FLOAT | RD | V | Maximum, Harmonic U L1 | [37] |
| 2674 | FLOAT | RD | V | Maximum, Harmonic U L1 | [38] |
| 2676 | FLOAT | RD | V | Maximum, Harmonic U L1 | [39] |
| 2678 | FLOAT | RD | V | Maximum, Harmonic U L2 | [0] |
| 2680 | FLOAT | RD | V | Maximum, Harmonic U L2 | [1] |
| 2682 | FLOAT | RD | V | Maximum, Harmonic U L2 | [2] |
| 2684 | FLOAT | RD | V | Maximum, Harmonic U L2 | [3] |
| 2686 | FLOAT | RD | V | Maximum, Harmonic U L2 | [4] |
| 2688 | FLOAT | RD | V | Maximum, Harmonic U L2 | [5] |
| 2690 | FLOAT | RD | V | Maximum, Harmonic U L2 | [6] |
| 2692 | FLOAT | RD | V | Maximum, Harmonic U L2 | [7] |
| 2694 | FLOAT | RD | V | Maximum, Harmonic U L2 | [8] |
| 2696 | FLOAT | RD | V | Maximum, Harmonic U L2 | [9] |
| 2698 | FLOAT | RD | V | Maximum, Harmonic U L2 | [10] |
| 2700 | FLOAT | RD | V | Maximum, Harmonic U L2 | [11] |
| 2702 | FLOAT | RD | V | Maximum, Harmonic U L2 | [12] |
| 2704 | FLOAT | RD | V | Maximum, Harmonic U L2 | [13] |
| 2706 | FLOAT | RD | V | Maximum, Harmonic U L2 | [14] |
| 2708 | FLOAT | RD | V | Maximum, Harmonic U L2 | [15] |
| 2710 | FLOAT | RD | V | Maximum, Harmonic U L2 | [16] |
| 2712 | FLOAT | RD | V | Maximum, Harmonic U L2 | [17] |
| 2714 | FLOAT | RD | V | Maximum, Harmonic U L2 | [18] |
| 2716 | FLOAT | RD | V | Maximum, Harmonic U L2 | [19] |
| 2718 | FLOAT | RD | V | Maximum, Harmonic U L2 | [20] |
| 2720 | FLOAT | RD | V | Maximum, Harmonic U L2 | [21] |
| 2722 | FLOAT | RD | V | Maximum, Harmonic U L2 | [22] |
| 2724 | FLOAT | RD | V | Maximum, Harmonic U L2 | [23] |
| 2726 | FLOAT | RD | V | Maximum, Harmonic U L2 | [24] |
| 2728 | FLOAT | RD | V | Maximum, Harmonic U L2 | [25] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 2730 | FLOAT | RD | V | Maximum, Harmonic U L2 | [26] |
| 2732 | FLOAT | RD | V | Maximum, Harmonic U L2 | [27] |
| 2734 | FLOAT | RD | V | Maximum, Harmonic U L2 | [28] |
| 2736 | FLOAT | RD | V | Maximum, Harmonic U L2 | [29] |
| 2738 | FLOAT | RD | V | Maximum, Harmonic U L2 | [30] |
| 2740 | FLOAT | RD | V | Maximum, Harmonic U L2 | [31] |
| 2742 | FLOAT | RD | V | Maximum, Harmonic U L2 | [32] |
| 2744 | FLOAT | RD | V | Maximum, Harmonic U L2 | [33] |
| 2746 | FLOAT | RD | V | Maximum, Harmonic U L2 | [34] |
| 2748 | FLOAT | RD | V | Maximum, Harmonic U L2 | [35] |
| 2750 | FLOAT | RD | V | Maximum, Harmonic U L2 | [36] |
| 2752 | FLOAT | RD | V | Maximum, Harmonic U L2 | [37] |
| 2754 | FLOAT | RD | V | Maximum, Harmonic U L2 | [38] |
| 2756 | FLOAT | RD | V | Maximum, Harmonic U L2 | [39] |
| 2758 | FLOAT | RD | V | Maximum, Harmonic U L3 | [0] |
| 2760 | FLOAT | RD | V | Maximum, Harmonic U L3 | [1] |
| 2762 | FLOAT | RD | V | Maximum, Harmonic U L3 | [2] |
| 2764 | FLOAT | RD | V | Maximum, Harmonic U L3 | [3] |
| 2766 | FLOAT | RD | V | Maximum, Harmonic U L3 | [4] |
| 2768 | FLOAT | RD | V | Maximum, Harmonic U L3 | [5] |
| 2770 | FLOAT | RD | V | Maximum, Harmonic U L3 | [6] |
| 2772 | FLOAT | RD | V | Maximum, Harmonic U L3 | [7] |
| 2774 | FLOAT | RD | V | Maximum, Harmonic U L3 | [8] |
| 2776 | FLOAT | RD | V | Maximum, Harmonic U L3 | [9] |
| 2778 | FLOAT | RD | V | Maximum, Harmonic U L3 | [10] |
| 2780 | FLOAT | RD | V | Maximum, Harmonic U L3 | [11] |
| 2782 | FLOAT | RD | V | Maximum, Harmonic U L3 | [12] |
| 2784 | FLOAT | RD | V | Maximum, Harmonic U L3 | [13] |
| 2786 | FLOAT | RD | V | Maximum, Harmonic U L3 | [14] |
| 2788 | FLOAT | RD | V | Maximum, Harmonic U L3 | [15] |
| 2790 | FLOAT | RD | V | Maximum, Harmonic U L3 | [16] |
| 2792 | FLOAT | RD | V | Maximum, Harmonic U L3 | [17] |
| 2794 | FLOAT | RD | V | Maximum, Harmonic U L3 | [18] |
| 2796 | FLOAT | RD | V | Maximum, Harmonic U L3 | [19] |
| 2798 | FLOAT | RD | V | Maximum, Harmonic U L3 | [20] |
| 2800 | FLOAT | RD | V | Maximum, Harmonic U L3 | [21] |
| 2802 | FLOAT | RD | V | Maximum, Harmonic U L3 | [22] |
| 2804 | FLOAT | RD | V | Maximum, Harmonic U L3 | [23] |
| 2806 | FLOAT | RD | V | Maximum, Harmonic U L3 | [24] |
| 2808 | FLOAT | RD | V | Maximum, Harmonic U L3 | [25] |
| 2810 | FLOAT | RD | V | Maximum, Harmonic U L3 | [26] |
| 2812 | FLOAT | RD | V | Maximum, Harmonic U L3 | [27] |
| 2814 | FLOAT | RD | V | Maximum, Harmonic U L3 | [28] |
| 2816 | FLOAT | RD | V | Maximum, Harmonic U L3 | [29] |
| 2818 | FLOAT | RD | V | Maximum, Harmonic U L3 | [30] |
| 2820 | FLOAT | RD | V | Maximum, Harmonic U L3 | [31] |
| 2822 | FLOAT | RD | V | Maximum, Harmonic U L3 | [32] |
| 2824 | FLOAT | RD | V | Maximum, Harmonic U L3 | [33] |
| 2826 | FLOAT | RD | V | Maximum, Harmonic U L3 | [34] |
| 2828 | FLOAT | RD | V | Maximum, Harmonic U L3 | [35] |
| 2830 | FLOAT | RD | V | Maximum, Harmonic U L3 | [36] |
| 2832 | FLOAT | RD | V | Maximum, Harmonic U L3 | [37] |
| 2834 | FLOAT | RD | V | Maximum, Harmonic U L3 | [38] |
| 2836 | FLOAT | RD | V | Maximum, Harmonic U L3 | [39] |
| 2838 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [0] |
| 2840 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [1] |
| 2842 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [2] |
| 2844 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [3] |
| 2846 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [4] |
| 2848 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [5] |
| 2850 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [6] |
| 2852 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [7] |
| 2854 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [8] |
| 2856 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [9] |
| 2858 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [10] |
| 2860 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [11] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|---------------------------|-------|
| 2862 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [12] |
| 2864 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [13] |
| 2866 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [14] |
| 2868 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [15] |
| 2870 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [16] |
| 2872 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [17] |
| 2874 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [18] |
| 2876 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [19] |
| 2878 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [20] |
| 2880 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [21] |
| 2882 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [22] |
| 2884 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [23] |
| 2886 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [24] |
| 2888 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [25] |
| 2890 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [26] |
| 2892 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [27] |
| 2894 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [28] |
| 2896 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [29] |
| 2898 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [30] |
| 2900 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [31] |
| 2902 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [32] |
| 2904 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [33] |
| 2906 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [34] |
| 2908 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [35] |
| 2910 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [36] |
| 2912 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [37] |
| 2914 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [38] |
| 2916 | FLOAT | RD | V | Maximum, Harmonic U L1-L2 | [39] |
| 2918 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [0] |
| 2920 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [1] |
| 2922 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [2] |
| 2924 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [3] |
| 2926 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [4] |
| 2928 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [5] |
| 2930 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [6] |
| 2932 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [7] |
| 2934 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [8] |
| 2936 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [9] |
| 2938 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [10] |
| 2940 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [11] |
| 2942 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [12] |
| 2944 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [13] |
| 2946 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [14] |
| 2948 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [15] |
| 2950 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [16] |
| 2952 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [17] |
| 2954 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [18] |
| 2956 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [19] |
| 2958 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [20] |
| 2960 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [21] |
| 2962 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [22] |
| 2964 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [23] |
| 2966 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [24] |
| 2968 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [25] |
| 2970 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [26] |
| 2972 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [27] |
| 2974 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [28] |
| 2976 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [29] |
| 2978 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [30] |
| 2980 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [31] |
| 2982 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [32] |
| 2984 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [33] |
| 2986 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [34] |
| 2988 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [35] |
| 2990 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [36] |
| 2992 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [37] |

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| 2994 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [38] |
| 2996 | FLOAT | RD | V | Maximum, Harmonic U L2-L3 | [39] |
| 2998 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [0] |
| 3000 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [1] |
| 3002 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [2] |
| 3004 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [3] |
| 3006 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [4] |
| 3008 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [5] |
| 3010 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [6] |
| 3012 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [7] |
| 3014 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [8] |
| 3016 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [9] |
| 3018 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [10] |
| 3020 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [11] |
| 3022 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [12] |
| 3024 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [13] |
| 3026 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [14] |
| 3028 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [15] |
| 3030 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [16] |
| 3032 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [17] |
| 3034 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [18] |
| 3036 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [19] |
| 3038 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [20] |
| 3040 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [21] |
| 3042 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [22] |
| 3044 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [23] |
| 3046 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [24] |
| 3048 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [25] |
| 3050 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [26] |
| 3052 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [27] |
| 3054 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [28] |
| 3056 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [29] |
| 3058 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [30] |
| 3060 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [31] |
| 3062 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [32] |
| 3064 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [33] |
| 3066 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [34] |
| 3068 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [35] |
| 3070 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [36] |
| 3072 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [37] |
| 3074 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [38] |
| 3076 | FLOAT | RD | V | Maximum, Harmonic U L3-L1 | [39] |
| 3118 | FLOAT | RD | A | Maximum, Harmonic I L1 | [0] |
| 3120 | FLOAT | RD | A | Maximum, Harmonic I L1 | [1] |
| 3122 | FLOAT | RD | A | Maximum, Harmonic I L1 | [2] |
| 3124 | FLOAT | RD | A | Maximum, Harmonic I L1 | [3] |
| 3126 | FLOAT | RD | A | Maximum, Harmonic I L1 | [4] |
| 3128 | FLOAT | RD | A | Maximum, Harmonic I L1 | [5] |
| 3130 | FLOAT | RD | A | Maximum, Harmonic I L1 | [6] |
| 3132 | FLOAT | RD | A | Maximum, Harmonic I L1 | [7] |
| 3134 | FLOAT | RD | A | Maximum, Harmonic I L1 | [8] |
| 3136 | FLOAT | RD | A | Maximum, Harmonic I L1 | [9] |
| 3138 | FLOAT | RD | A | Maximum, Harmonic I L1 | [10] |
| 3140 | FLOAT | RD | A | Maximum, Harmonic I L1 | [11] |
| 3142 | FLOAT | RD | A | Maximum, Harmonic I L1 | [12] |
| 3144 | FLOAT | RD | A | Maximum, Harmonic I L1 | [13] |
| 3146 | FLOAT | RD | A | Maximum, Harmonic I L1 | [14] |
| 3148 | FLOAT | RD | A | Maximum, Harmonic I L1 | [15] |
| 3150 | FLOAT | RD | A | Maximum, Harmonic I L1 | [16] |
| 3152 | FLOAT | RD | A | Maximum, Harmonic I L1 | [17] |
| 3154 | FLOAT | RD | A | Maximum, Harmonic I L1 | [18] |
| 3156 | FLOAT | RD | A | Maximum, Harmonic I L1 | [19] |
| 3158 | FLOAT | RD | A | Maximum, Harmonic I L1 | [20] |
| 3160 | FLOAT | RD | A | Maximum, Harmonic I L1 | [21] |
| 3162 | FLOAT | RD | A | Maximum, Harmonic I L1 | [22] |
| 3164 | FLOAT | RD | A | Maximum, Harmonic I L1 | [23] |

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|---------|--------|-------|------|------------------------|-------|
| 3166 | FLOAT | RD | A | Maximum, Harmonic I L1 | [24] |
| 3168 | FLOAT | RD | A | Maximum, Harmonic I L1 | [25] |
| 3170 | FLOAT | RD | A | Maximum, Harmonic I L1 | [26] |
| 3172 | FLOAT | RD | A | Maximum, Harmonic I L1 | [27] |
| 3174 | FLOAT | RD | A | Maximum, Harmonic I L1 | [28] |
| 3176 | FLOAT | RD | A | Maximum, Harmonic I L1 | [29] |
| 3178 | FLOAT | RD | A | Maximum, Harmonic I L1 | [30] |
| 3180 | FLOAT | RD | A | Maximum, Harmonic I L1 | [31] |
| 3182 | FLOAT | RD | A | Maximum, Harmonic I L1 | [32] |
| 3184 | FLOAT | RD | A | Maximum, Harmonic I L1 | [33] |
| 3186 | FLOAT | RD | A | Maximum, Harmonic I L1 | [34] |
| 3188 | FLOAT | RD | A | Maximum, Harmonic I L1 | [35] |
| 3190 | FLOAT | RD | A | Maximum, Harmonic I L1 | [36] |
| 3192 | FLOAT | RD | A | Maximum, Harmonic I L1 | [37] |
| 3194 | FLOAT | RD | A | Maximum, Harmonic I L1 | [38] |
| 3196 | FLOAT | RD | A | Maximum, Harmonic I L1 | [39] |
| 3198 | FLOAT | RD | A | Maximum, Harmonic I L2 | [0] |
| 3200 | FLOAT | RD | A | Maximum, Harmonic I L2 | [1] |
| 3202 | FLOAT | RD | A | Maximum, Harmonic I L2 | [2] |
| 3204 | FLOAT | RD | A | Maximum, Harmonic I L2 | [3] |
| 3206 | FLOAT | RD | A | Maximum, Harmonic I L2 | [4] |
| 3208 | FLOAT | RD | A | Maximum, Harmonic I L2 | [5] |
| 3210 | FLOAT | RD | A | Maximum, Harmonic I L2 | [6] |
| 3212 | FLOAT | RD | A | Maximum, Harmonic I L2 | [7] |
| 3214 | FLOAT | RD | A | Maximum, Harmonic I L2 | [8] |
| 3216 | FLOAT | RD | A | Maximum, Harmonic I L2 | [9] |
| 3218 | FLOAT | RD | A | Maximum, Harmonic I L2 | [10] |
| 3220 | FLOAT | RD | A | Maximum, Harmonic I L2 | [11] |
| 3222 | FLOAT | RD | A | Maximum, Harmonic I L2 | [12] |
| 3224 | FLOAT | RD | A | Maximum, Harmonic I L2 | [13] |
| 3226 | FLOAT | RD | A | Maximum, Harmonic I L2 | [14] |
| 3228 | FLOAT | RD | A | Maximum, Harmonic I L2 | [15] |
| 3230 | FLOAT | RD | A | Maximum, Harmonic I L2 | [16] |
| 3232 | FLOAT | RD | A | Maximum, Harmonic I L2 | [17] |
| 3234 | FLOAT | RD | A | Maximum, Harmonic I L2 | [18] |
| 3236 | FLOAT | RD | A | Maximum, Harmonic I L2 | [19] |
| 3238 | FLOAT | RD | A | Maximum, Harmonic I L2 | [20] |
| 3240 | FLOAT | RD | A | Maximum, Harmonic I L2 | [21] |
| 3242 | FLOAT | RD | A | Maximum, Harmonic I L2 | [22] |
| 3244 | FLOAT | RD | A | Maximum, Harmonic I L2 | [23] |
| 3246 | FLOAT | RD | A | Maximum, Harmonic I L2 | [24] |
| 3248 | FLOAT | RD | A | Maximum, Harmonic I L2 | [25] |
| 3250 | FLOAT | RD | A | Maximum, Harmonic I L2 | [26] |
| 3252 | FLOAT | RD | A | Maximum, Harmonic I L2 | [27] |
| 3254 | FLOAT | RD | A | Maximum, Harmonic I L2 | [28] |
| 3256 | FLOAT | RD | A | Maximum, Harmonic I L2 | [29] |
| 3258 | FLOAT | RD | A | Maximum, Harmonic I L2 | [30] |
| 3260 | FLOAT | RD | A | Maximum, Harmonic I L2 | [31] |
| 3262 | FLOAT | RD | A | Maximum, Harmonic I L2 | [32] |
| 3264 | FLOAT | RD | A | Maximum, Harmonic I L2 | [33] |
| 3266 | FLOAT | RD | A | Maximum, Harmonic I L2 | [34] |
| 3268 | FLOAT | RD | A | Maximum, Harmonic I L2 | [35] |
| 3270 | FLOAT | RD | A | Maximum, Harmonic I L2 | [36] |
| 3272 | FLOAT | RD | A | Maximum, Harmonic I L2 | [37] |
| 3274 | FLOAT | RD | A | Maximum, Harmonic I L2 | [38] |
| 3276 | FLOAT | RD | A | Maximum, Harmonic I L2 | [39] |
| 3278 | FLOAT | RD | A | Maximum, Harmonic I L3 | [0] |
| 3280 | FLOAT | RD | A | Maximum, Harmonic I L3 | [1] |
| 3282 | FLOAT | RD | A | Maximum, Harmonic I L3 | [2] |
| 3284 | FLOAT | RD | A | Maximum, Harmonic I L3 | [3] |
| 3286 | FLOAT | RD | A | Maximum, Harmonic I L3 | [4] |
| 3288 | FLOAT | RD | A | Maximum, Harmonic I L3 | [5] |
| 3290 | FLOAT | RD | A | Maximum, Harmonic I L3 | [6] |
| 3292 | FLOAT | RD | A | Maximum, Harmonic I L3 | [7] |
| 3294 | FLOAT | RD | A | Maximum, Harmonic I L3 | [8] |
| 3296 | FLOAT | RD | A | Maximum, Harmonic I L3 | [9] |

| Address | Format | RD/WR | Unit | Note | Index |
|---------|--------|-------|------|------------------------|-------|
| 3298 | FLOAT | RD | A | Maximum, Harmonic I L3 | [10] |
| 3300 | FLOAT | RD | A | Maximum, Harmonic I L3 | [11] |
| 3302 | FLOAT | RD | A | Maximum, Harmonic I L3 | [12] |
| 3304 | FLOAT | RD | A | Maximum, Harmonic I L3 | [13] |
| 3306 | FLOAT | RD | A | Maximum, Harmonic I L3 | [14] |
| 3308 | FLOAT | RD | A | Maximum, Harmonic I L3 | [15] |
| 3310 | FLOAT | RD | A | Maximum, Harmonic I L3 | [16] |
| 3312 | FLOAT | RD | A | Maximum, Harmonic I L3 | [17] |
| 3314 | FLOAT | RD | A | Maximum, Harmonic I L3 | [18] |
| 3316 | FLOAT | RD | A | Maximum, Harmonic I L3 | [19] |
| 3318 | FLOAT | RD | A | Maximum, Harmonic I L3 | [20] |
| 3320 | FLOAT | RD | A | Maximum, Harmonic I L3 | [21] |
| 3322 | FLOAT | RD | A | Maximum, Harmonic I L3 | [22] |
| 3324 | FLOAT | RD | A | Maximum, Harmonic I L3 | [23] |
| 3326 | FLOAT | RD | A | Maximum, Harmonic I L3 | [24] |
| 3328 | FLOAT | RD | A | Maximum, Harmonic I L3 | [25] |
| 3330 | FLOAT | RD | A | Maximum, Harmonic I L3 | [26] |
| 3332 | FLOAT | RD | A | Maximum, Harmonic I L3 | [27] |
| 3334 | FLOAT | RD | A | Maximum, Harmonic I L3 | [28] |
| 3336 | FLOAT | RD | A | Maximum, Harmonic I L3 | [29] |
| 3338 | FLOAT | RD | A | Maximum, Harmonic I L3 | [30] |
| 3340 | FLOAT | RD | A | Maximum, Harmonic I L3 | [31] |
| 3342 | FLOAT | RD | A | Maximum, Harmonic I L3 | [32] |
| 3344 | FLOAT | RD | A | Maximum, Harmonic I L3 | [33] |
| 3346 | FLOAT | RD | A | Maximum, Harmonic I L3 | [34] |
| 3348 | FLOAT | RD | A | Maximum, Harmonic I L3 | [35] |
| 3350 | FLOAT | RD | A | Maximum, Harmonic I L3 | [36] |
| 3352 | FLOAT | RD | A | Maximum, Harmonic I L3 | [37] |
| 3354 | FLOAT | RD | A | Maximum, Harmonic I L3 | [38] |
| 3356 | FLOAT | RD | A | Maximum, Harmonic I L3 | [39] |
| 10563 | FLOAT | RD | A | Maximum, Harmonic I L4 | [0] |
| 10565 | FLOAT | RD | A | Maximum, Harmonic I L4 | [1] |
| 10567 | FLOAT | RD | A | Maximum, Harmonic I L4 | [2] |
| 10569 | FLOAT | RD | A | Maximum, Harmonic I L4 | [3] |
| 10571 | FLOAT | RD | A | Maximum, Harmonic I L4 | [4] |
| 10573 | FLOAT | RD | A | Maximum, Harmonic I L4 | [5] |
| 10575 | FLOAT | RD | A | Maximum, Harmonic I L4 | [6] |
| 10577 | FLOAT | RD | A | Maximum, Harmonic I L4 | [7] |
| 10579 | FLOAT | RD | A | Maximum, Harmonic I L4 | [8] |
| 10581 | FLOAT | RD | A | Maximum, Harmonic I L4 | [8] |
| 10583 | FLOAT | RD | A | Maximum, Harmonic I L4 | [10] |
| 10585 | FLOAT | RD | A | Maximum, Harmonic I L4 | [11] |
| 10587 | FLOAT | RD | A | Maximum, Harmonic I L4 | [12] |
| 10589 | FLOAT | RD | A | Maximum, Harmonic I L4 | [13] |
| 10591 | FLOAT | RD | A | Maximum, Harmonic I L4 | [14] |
| 10593 | FLOAT | RD | A | Maximum, Harmonic I L4 | [15] |
| 10595 | FLOAT | RD | A | Maximum, Harmonic I L4 | [16] |
| 10597 | FLOAT | RD | A | Maximum, Harmonic I L4 | [17] |
| 10599 | FLOAT | RD | A | Maximum, Harmonic I L4 | [18] |
| 10601 | FLOAT | RD | A | Maximum, Harmonic I L4 | [19] |
| 10603 | FLOAT | RD | A | Maximum, Harmonic I L4 | [20] |
| 10605 | FLOAT | RD | A | Maximum, Harmonic I L4 | [21] |
| 10607 | FLOAT | RD | A | Maximum, Harmonic I L4 | [22] |
| 10609 | FLOAT | RD | A | Maximum, Harmonic I L4 | [23] |
| 10611 | FLOAT | RD | A | Maximum, Harmonic I L4 | [24] |
| 10613 | FLOAT | RD | A | Maximum, Harmonic I L4 | [25] |
| 10615 | FLOAT | RD | A | Maximum, Harmonic I L4 | [26] |
| 10617 | FLOAT | RD | A | Maximum, Harmonic I L4 | [27] |
| 10619 | FLOAT | RD | A | Maximum, Harmonic I L4 | [28] |
| 10621 | FLOAT | RD | A | Maximum, Harmonic I L4 | [29] |
| 10623 | FLOAT | RD | A | Maximum, Harmonic I L4 | [30] |
| 10625 | FLOAT | RD | A | Maximum, Harmonic I L4 | [31] |
| 10627 | FLOAT | RD | A | Maximum, Harmonic I L4 | [32] |
| 10629 | FLOAT | RD | A | Maximum, Harmonic I L4 | [33] |
| 10631 | FLOAT | RD | A | Maximum, Harmonic I L4 | [34] |

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| 10633 | FLOAT | RD | A | Maximum, Harmonic I L4 | [35] |
| 10635 | FLOAT | RD | A | Maximum, Harmonic I L4 | [36] |
| 10637 | FLOAT | RD | A | Maximum, Harmonic I L4 | [37] |
| 10639 | FLOAT | RD | A | Maximum, Harmonic I L4 | [38] |
| 10641 | FLOAT | RD | A | Maximum, Harmonic I L4 | [39] |

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Maximum values, type short, fourier analysis

| Address | Format | RD/WR | Unit | Note | Index | Resolution |
|---------|--------|-------|------|------------------------|-------|------------|
| 4395 | SHORT | RD | V | Maximum, Harmonic U L1 | [0] | 0,1 |
| 4396 | SHORT | RD | V | Maximum, Harmonic U L1 | [1] | 0,1 |
| 4397 | SHORT | RD | V | Maximum, Harmonic U L1 | [2] | 0,1 |
| 4398 | SHORT | RD | V | Maximum, Harmonic U L1 | [3] | 0,1 |
| 4399 | SHORT | RD | V | Maximum, Harmonic U L1 | [4] | 0,1 |
| 4400 | SHORT | RD | V | Maximum, Harmonic U L1 | [5] | 0,1 |
| 4401 | SHORT | RD | V | Maximum, Harmonic U L1 | [6] | 0,1 |
| 4402 | SHORT | RD | V | Maximum, Harmonic U L1 | [7] | 0,1 |
| 4403 | SHORT | RD | V | Maximum, Harmonic U L1 | [8] | 0,1 |
| 4404 | SHORT | RD | V | Maximum, Harmonic U L1 | [9] | 0,1 |
| 4405 | SHORT | RD | V | Maximum, Harmonic U L1 | [10] | 0,1 |
| 4406 | SHORT | RD | V | Maximum, Harmonic U L1 | [11] | 0,1 |
| 4407 | SHORT | RD | V | Maximum, Harmonic U L1 | [12] | 0,1 |
| 4408 | SHORT | RD | V | Maximum, Harmonic U L1 | [13] | 0,1 |
| 4409 | SHORT | RD | V | Maximum, Harmonic U L1 | [14] | 0,1 |
| 4410 | SHORT | RD | V | Maximum, Harmonic U L1 | [15] | 0,1 |
| 4411 | SHORT | RD | V | Maximum, Harmonic U L1 | [16] | 0,1 |
| 4412 | SHORT | RD | V | Maximum, Harmonic U L1 | [17] | 0,1 |
| 4413 | SHORT | RD | V | Maximum, Harmonic U L1 | [18] | 0,1 |
| 4414 | SHORT | RD | V | Maximum, Harmonic U L1 | [19] | 0,1 |
| 4415 | SHORT | RD | V | Maximum, Harmonic U L1 | [20] | 0,1 |
| 4416 | SHORT | RD | V | Maximum, Harmonic U L1 | [21] | 0,1 |
| 4417 | SHORT | RD | V | Maximum, Harmonic U L1 | [22] | 0,1 |
| 4418 | SHORT | RD | V | Maximum, Harmonic U L1 | [23] | 0,1 |
| 4419 | SHORT | RD | V | Maximum, Harmonic U L1 | [24] | 0,1 |
| 4420 | SHORT | RD | V | Maximum, Harmonic U L1 | [25] | 0,1 |
| 4421 | SHORT | RD | V | Maximum, Harmonic U L1 | [26] | 0,1 |
| 4422 | SHORT | RD | V | Maximum, Harmonic U L1 | [27] | 0,1 |
| 4423 | SHORT | RD | V | Maximum, Harmonic U L1 | [28] | 0,1 |
| 4424 | SHORT | RD | V | Maximum, Harmonic U L1 | [29] | 0,1 |
| 4425 | SHORT | RD | V | Maximum, Harmonic U L1 | [30] | 0,1 |
| 4426 | SHORT | RD | V | Maximum, Harmonic U L1 | [31] | 0,1 |
| 4427 | SHORT | RD | V | Maximum, Harmonic U L1 | [32] | 0,1 |
| 4428 | SHORT | RD | V | Maximum, Harmonic U L1 | [33] | 0,1 |
| 4429 | SHORT | RD | V | Maximum, Harmonic U L1 | [34] | 0,1 |
| 4430 | SHORT | RD | V | Maximum, Harmonic U L1 | [35] | 0,1 |
| 4431 | SHORT | RD | V | Maximum, Harmonic U L1 | [36] | 0,1 |
| 4432 | SHORT | RD | V | Maximum, Harmonic U L1 | [37] | 0,1 |
| 4433 | SHORT | RD | V | Maximum, Harmonic U L1 | [38] | 0,1 |
| 4434 | SHORT | RD | V | Maximum, Harmonic U L1 | [39] | 0,1 |
| 4435 | SHORT | RD | V | Maximum, Harmonic U L2 | [0] | 0,1 |
| 4436 | SHORT | RD | V | Maximum, Harmonic U L2 | [1] | 0,1 |
| 4437 | SHORT | RD | V | Maximum, Harmonic U L2 | [2] | 0,1 |
| 4438 | SHORT | RD | V | Maximum, Harmonic U L2 | [3] | 0,1 |
| 4439 | SHORT | RD | V | Maximum, Harmonic U L2 | [4] | 0,1 |
| 4440 | SHORT | RD | V | Maximum, Harmonic U L2 | [5] | 0,1 |
| 4441 | SHORT | RD | V | Maximum, Harmonic U L2 | [6] | 0,1 |
| 4442 | SHORT | RD | V | Maximum, Harmonic U L2 | [7] | 0,1 |
| 4443 | SHORT | RD | V | Maximum, Harmonic U L2 | [8] | 0,1 |
| 4444 | SHORT | RD | V | Maximum, Harmonic U L2 | [9] | 0,1 |
| 4445 | SHORT | RD | V | Maximum, Harmonic U L2 | [10] | 0,1 |
| 4446 | SHORT | RD | V | Maximum, Harmonic U L2 | [11] | 0,1 |
| 4447 | SHORT | RD | V | Maximum, Harmonic U L2 | [12] | 0,1 |
| 4448 | SHORT | RD | V | Maximum, Harmonic U L2 | [13] | 0,1 |
| 4449 | SHORT | RD | V | Maximum, Harmonic U L2 | [14] | 0,1 |
| 4450 | SHORT | RD | V | Maximum, Harmonic U L2 | [15] | 0,1 |
| 4451 | SHORT | RD | V | Maximum, Harmonic U L2 | [16] | 0,1 |
| 4452 | SHORT | RD | V | Maximum, Harmonic U L2 | [17] | 0,1 |
| 4453 | SHORT | RD | V | Maximum, Harmonic U L2 | [18] | 0,1 |
| 4454 | SHORT | RD | V | Maximum, Harmonic U L2 | [19] | 0,1 |
| 4455 | SHORT | RD | V | Maximum, Harmonic U L2 | [20] | 0,1 |
| 4456 | SHORT | RD | V | Maximum, Harmonic U L2 | [21] | 0,1 |
| 4457 | SHORT | RD | V | Maximum, Harmonic U L2 | [22] | 0,1 |
| 4458 | SHORT | RD | V | Maximum, Harmonic U L2 | [23] | 0,1 |
| 4459 | SHORT | RD | V | Maximum, Harmonic U L2 | [24] | 0,1 |
| 4460 | SHORT | RD | V | Maximum, Harmonic U L2 | [25] | 0,1 |

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| 4461 | SHORT | RD | V | Maximum, Harmonic U L2 | [26] | 0,1 |
| 4462 | SHORT | RD | V | Maximum, Harmonic U L2 | [27] | 0,1 |
| 4463 | SHORT | RD | V | Maximum, Harmonic U L2 | [28] | 0,1 |
| 4464 | SHORT | RD | V | Maximum, Harmonic U L2 | [29] | 0,1 |
| 4465 | SHORT | RD | V | Maximum, Harmonic U L2 | [30] | 0,1 |
| 4466 | SHORT | RD | V | Maximum, Harmonic U L2 | [31] | 0,1 |
| 4467 | SHORT | RD | V | Maximum, Harmonic U L2 | [32] | 0,1 |
| 4468 | SHORT | RD | V | Maximum, Harmonic U L2 | [33] | 0,1 |
| 4469 | SHORT | RD | V | Maximum, Harmonic U L2 | [34] | 0,1 |
| 4470 | SHORT | RD | V | Maximum, Harmonic U L2 | [35] | 0,1 |
| 4471 | SHORT | RD | V | Maximum, Harmonic U L2 | [36] | 0,1 |
| 4472 | SHORT | RD | V | Maximum, Harmonic U L2 | [37] | 0,1 |
| 4473 | SHORT | RD | V | Maximum, Harmonic U L2 | [38] | 0,1 |
| 4474 | SHORT | RD | V | Maximum, Harmonic U L2 | [39] | 0,1 |
| 4475 | SHORT | RD | V | Maximum, Harmonic U L3 | [0] | 0,1 |
| 4476 | SHORT | RD | V | Maximum, Harmonic U L3 | [1] | 0,1 |
| 4477 | SHORT | RD | V | Maximum, Harmonic U L3 | [2] | 0,1 |
| 4478 | SHORT | RD | V | Maximum, Harmonic U L3 | [3] | 0,1 |
| 4479 | SHORT | RD | V | Maximum, Harmonic U L3 | [4] | 0,1 |
| 4480 | SHORT | RD | V | Maximum, Harmonic U L3 | [5] | 0,1 |
| 4481 | SHORT | RD | V | Maximum, Harmonic U L3 | [6] | 0,1 |
| 4482 | SHORT | RD | V | Maximum, Harmonic U L3 | [7] | 0,1 |
| 4483 | SHORT | RD | V | Maximum, Harmonic U L3 | [8] | 0,1 |
| 4484 | SHORT | RD | V | Maximum, Harmonic U L3 | [9] | 0,1 |
| 4485 | SHORT | RD | V | Maximum, Harmonic U L3 | [10] | 0,1 |
| 4486 | SHORT | RD | V | Maximum, Harmonic U L3 | [11] | 0,1 |
| 4487 | SHORT | RD | V | Maximum, Harmonic U L3 | [12] | 0,1 |
| 4488 | SHORT | RD | V | Maximum, Harmonic U L3 | [13] | 0,1 |
| 4489 | SHORT | RD | V | Maximum, Harmonic U L3 | [14] | 0,1 |
| 4490 | SHORT | RD | V | Maximum, Harmonic U L3 | [15] | 0,1 |
| 4491 | SHORT | RD | V | Maximum, Harmonic U L3 | [16] | 0,1 |
| 4492 | SHORT | RD | V | Maximum, Harmonic U L3 | [17] | 0,1 |
| 4493 | SHORT | RD | V | Maximum, Harmonic U L3 | [18] | 0,1 |
| 4494 | SHORT | RD | V | Maximum, Harmonic U L3 | [19] | 0,1 |
| 4495 | SHORT | RD | V | Maximum, Harmonic U L3 | [20] | 0,1 |
| 4496 | SHORT | RD | V | Maximum, Harmonic U L3 | [21] | 0,1 |
| 4497 | SHORT | RD | V | Maximum, Harmonic U L3 | [22] | 0,1 |
| 4498 | SHORT | RD | V | Maximum, Harmonic U L3 | [23] | 0,1 |
| 4499 | SHORT | RD | V | Maximum, Harmonic U L3 | [24] | 0,1 |
| 4500 | SHORT | RD | V | Maximum, Harmonic U L3 | [25] | 0,1 |
| 4501 | SHORT | RD | V | Maximum, Harmonic U L3 | [26] | 0,1 |
| 4502 | SHORT | RD | V | Maximum, Harmonic U L3 | [27] | 0,1 |
| 4503 | SHORT | RD | V | Maximum, Harmonic U L3 | [28] | 0,1 |
| 4504 | SHORT | RD | V | Maximum, Harmonic U L3 | [29] | 0,1 |
| 4505 | SHORT | RD | V | Maximum, Harmonic U L3 | [30] | 0,1 |
| 4506 | SHORT | RD | V | Maximum, Harmonic U L3 | [31] | 0,1 |
| 4507 | SHORT | RD | V | Maximum, Harmonic U L3 | [32] | 0,1 |
| 4508 | SHORT | RD | V | Maximum, Harmonic U L3 | [33] | 0,1 |
| 4509 | SHORT | RD | V | Maximum, Harmonic U L3 | [34] | 0,1 |
| 4510 | SHORT | RD | V | Maximum, Harmonic U L3 | [35] | 0,1 |
| 4511 | SHORT | RD | V | Maximum, Harmonic U L3 | [36] | 0,1 |
| 4512 | SHORT | RD | V | Maximum, Harmonic U L3 | [37] | 0,1 |
| 4513 | SHORT | RD | V | Maximum, Harmonic U L3 | [38] | 0,1 |
| 4514 | SHORT | RD | V | Maximum, Harmonic U L3 | [39] | 0,1 |
| 4515 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [0] | 0,1 |
| 4516 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [1] | 0,1 |
| 4517 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [2] | 0,1 |
| 4518 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [3] | 0,1 |
| 4519 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [4] | 0,1 |
| 4520 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [5] | 0,1 |
| 4521 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [6] | 0,1 |
| 4522 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [7] | 0,1 |
| 4523 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [8] | 0,1 |
| 4524 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [9] | 0,1 |
| 4525 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [10] | 0,1 |
| 4526 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [11] | 0,1 |

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| 4527 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [12] | 0,1 |
| 4528 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [13] | 0,1 |
| 4529 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [14] | 0,1 |
| 4530 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [15] | 0,1 |
| 4531 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [16] | 0,1 |
| 4532 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [17] | 0,1 |
| 4533 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [18] | 0,1 |
| 4534 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [19] | 0,1 |
| 4535 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [20] | 0,1 |
| 4536 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [21] | 0,1 |
| 4537 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [22] | 0,1 |
| 4538 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [23] | 0,1 |
| 4539 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [24] | 0,1 |
| 4540 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [25] | 0,1 |
| 4541 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [26] | 0,1 |
| 4542 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [27] | 0,1 |
| 4543 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [28] | 0,1 |
| 4544 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [29] | 0,1 |
| 4545 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [30] | 0,1 |
| 4546 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [31] | 0,1 |
| 4547 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [32] | 0,1 |
| 4548 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [33] | 0,1 |
| 4549 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [34] | 0,1 |
| 4550 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [35] | 0,1 |
| 4551 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [36] | 0,1 |
| 4552 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [37] | 0,1 |
| 4553 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [38] | 0,1 |
| 4554 | SHORT | RD | V | Maximum, Harmonic U L1-L2 | [39] | 0,1 |
| 4555 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [0] | 0,1 |
| 4556 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [1] | 0,1 |
| 4557 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [2] | 0,1 |
| 4558 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [3] | 0,1 |
| 4559 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [4] | 0,1 |
| 4560 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [5] | 0,1 |
| 4561 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [6] | 0,1 |
| 4562 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [7] | 0,1 |
| 4563 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [8] | 0,1 |
| 4564 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [9] | 0,1 |
| 4565 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [10] | 0,1 |
| 4566 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [11] | 0,1 |
| 4567 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [12] | 0,1 |
| 4568 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [13] | 0,1 |
| 4569 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [14] | 0,1 |
| 4570 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [15] | 0,1 |
| 4571 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [16] | 0,1 |
| 4572 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [17] | 0,1 |
| 4573 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [18] | 0,1 |
| 4574 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [19] | 0,1 |
| 4575 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [20] | 0,1 |
| 4576 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [21] | 0,1 |
| 4577 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [22] | 0,1 |
| 4578 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [23] | 0,1 |
| 4579 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [24] | 0,1 |
| 4580 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [25] | 0,1 |
| 4581 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [26] | 0,1 |
| 4582 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [27] | 0,1 |
| 4583 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [28] | 0,1 |
| 4584 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [29] | 0,1 |
| 4585 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [30] | 0,1 |
| 4586 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [31] | 0,1 |
| 4587 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [32] | 0,1 |
| 4588 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [33] | 0,1 |
| 4589 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [34] | 0,1 |
| 4590 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [35] | 0,1 |
| 4591 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [36] | 0,1 |
| 4592 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [37] | 0,1 |

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| 4593 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [38] | 0,1 |
| 4594 | SHORT | RD | V | Maximum, Harmonic U L2-L3 | [39] | 0,1 |
| 4595 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [0] | 0,1 |
| 4596 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [1] | 0,1 |
| 4597 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [2] | 0,1 |
| 4598 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [3] | 0,1 |
| 4599 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [4] | 0,1 |
| 4600 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [5] | 0,1 |
| 4601 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [6] | 0,1 |
| 4602 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [7] | 0,1 |
| 4603 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [8] | 0,1 |
| 4604 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [9] | 0,1 |
| 4605 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [10] | 0,1 |
| 4606 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [11] | 0,1 |
| 4607 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [12] | 0,1 |
| 4608 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [13] | 0,1 |
| 4609 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [14] | 0,1 |
| 4610 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [15] | 0,1 |
| 4611 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [16] | 0,1 |
| 4612 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [17] | 0,1 |
| 4613 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [18] | 0,1 |
| 4614 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [19] | 0,1 |
| 4615 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [20] | 0,1 |
| 4616 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [21] | 0,1 |
| 4617 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [22] | 0,1 |
| 4618 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [23] | 0,1 |
| 4619 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [24] | 0,1 |
| 4620 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [25] | 0,1 |
| 4621 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [26] | 0,1 |
| 4622 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [27] | 0,1 |
| 4623 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [28] | 0,1 |
| 4624 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [29] | 0,1 |
| 4625 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [30] | 0,1 |
| 4626 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [31] | 0,1 |
| 4627 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [32] | 0,1 |
| 4628 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [33] | 0,1 |
| 4629 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [34] | 0,1 |
| 4630 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [35] | 0,1 |
| 4631 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [36] | 0,1 |
| 4632 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [37] | 0,1 |
| 4633 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [38] | 0,1 |
| 4634 | SHORT | RD | V | Maximum, Harmonic U L1-L3 | [39] | 0,1 |
| 4655 | SHORT | RD | mA | Maximum, Harmonic I L1 | [0] | 1 |
| 4656 | SHORT | RD | mA | Maximum, Harmonic I L1 | [1] | 1 |
| 4657 | SHORT | RD | mA | Maximum, Harmonic I L1 | [2] | 1 |
| 4658 | SHORT | RD | mA | Maximum, Harmonic I L1 | [3] | 1 |
| 4659 | SHORT | RD | mA | Maximum, Harmonic I L1 | [4] | 1 |
| 4660 | SHORT | RD | mA | Maximum, Harmonic I L1 | [5] | 1 |
| 4661 | SHORT | RD | mA | Maximum, Harmonic I L1 | [6] | 1 |
| 4662 | SHORT | RD | mA | Maximum, Harmonic I L1 | [7] | 1 |
| 4663 | SHORT | RD | mA | Maximum, Harmonic I L1 | [8] | 1 |
| 4664 | SHORT | RD | mA | Maximum, Harmonic I L1 | [9] | 1 |
| 4665 | SHORT | RD | mA | Maximum, Harmonic I L1 | [10] | 1 |
| 4666 | SHORT | RD | mA | Maximum, Harmonic I L1 | [11] | 1 |
| 4667 | SHORT | RD | mA | Maximum, Harmonic I L1 | [12] | 1 |
| 4668 | SHORT | RD | mA | Maximum, Harmonic I L1 | [13] | 1 |
| 4669 | SHORT | RD | mA | Maximum, Harmonic I L1 | [14] | 1 |
| 4670 | SHORT | RD | mA | Maximum, Harmonic I L1 | [15] | 1 |
| 4671 | SHORT | RD | mA | Maximum, Harmonic I L1 | [16] | 1 |
| 4672 | SHORT | RD | mA | Maximum, Harmonic I L1 | [17] | 1 |
| 4673 | SHORT | RD | mA | Maximum, Harmonic I L1 | [18] | 1 |
| 4674 | SHORT | RD | mA | Maximum, Harmonic I L1 | [19] | 1 |
| 4675 | SHORT | RD | mA | Maximum, Harmonic I L1 | [20] | 1 |
| 4676 | SHORT | RD | mA | Maximum, Harmonic I L1 | [21] | 1 |
| 4677 | SHORT | RD | mA | Maximum, Harmonic I L1 | [22] | 1 |
| 4678 | SHORT | RD | mA | Maximum, Harmonic I L1 | [23] | 1 |

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| 4679 | SHORT | RD | mA | Maximum, Harmonic I L1 | [24] | 1 |
| 4680 | SHORT | RD | mA | Maximum, Harmonic I L1 | [25] | 1 |
| 4681 | SHORT | RD | mA | Maximum, Harmonic I L1 | [26] | 1 |
| 4682 | SHORT | RD | mA | Maximum, Harmonic I L1 | [27] | 1 |
| 4683 | SHORT | RD | mA | Maximum, Harmonic I L1 | [28] | 1 |
| 4684 | SHORT | RD | mA | Maximum, Harmonic I L1 | [29] | 1 |
| 4685 | SHORT | RD | mA | Maximum, Harmonic I L1 | [30] | 1 |
| 4686 | SHORT | RD | mA | Maximum, Harmonic I L1 | [31] | 1 |
| 4687 | SHORT | RD | mA | Maximum, Harmonic I L1 | [32] | 1 |
| 4688 | SHORT | RD | mA | Maximum, Harmonic I L1 | [33] | 1 |
| 4689 | SHORT | RD | mA | Maximum, Harmonic I L1 | [34] | 1 |
| 4690 | SHORT | RD | mA | Maximum, Harmonic I L1 | [35] | 1 |
| 4691 | SHORT | RD | mA | Maximum, Harmonic I L1 | [36] | 1 |
| 4692 | SHORT | RD | mA | Maximum, Harmonic I L1 | [37] | 1 |
| 4693 | SHORT | RD | mA | Maximum, Harmonic I L1 | [38] | 1 |
| 4694 | SHORT | RD | mA | Maximum, Harmonic I L1 | [39] | 1 |
| 4695 | SHORT | RD | mA | Maximum, Harmonic I L2 | [0] | 1 |
| 4696 | SHORT | RD | mA | Maximum, Harmonic I L2 | [1] | 1 |
| 4697 | SHORT | RD | mA | Maximum, Harmonic I L2 | [2] | 1 |
| 4698 | SHORT | RD | mA | Maximum, Harmonic I L2 | [3] | 1 |
| 4699 | SHORT | RD | mA | Maximum, Harmonic I L2 | [4] | 1 |
| 4700 | SHORT | RD | mA | Maximum, Harmonic I L2 | [5] | 1 |
| 4701 | SHORT | RD | mA | Maximum, Harmonic I L2 | [6] | 1 |
| 4702 | SHORT | RD | mA | Maximum, Harmonic I L2 | [7] | 1 |
| 4703 | SHORT | RD | mA | Maximum, Harmonic I L2 | [8] | 1 |
| 4704 | SHORT | RD | mA | Maximum, Harmonic I L2 | [9] | 1 |
| 4705 | SHORT | RD | mA | Maximum, Harmonic I L2 | [10] | 1 |
| 4706 | SHORT | RD | mA | Maximum, Harmonic I L2 | [11] | 1 |
| 4707 | SHORT | RD | mA | Maximum, Harmonic I L2 | [12] | 1 |
| 4708 | SHORT | RD | mA | Maximum, Harmonic I L2 | [13] | 1 |
| 4709 | SHORT | RD | mA | Maximum, Harmonic I L2 | [14] | 1 |
| 4710 | SHORT | RD | mA | Maximum, Harmonic I L2 | [15] | 1 |
| 4711 | SHORT | RD | mA | Maximum, Harmonic I L2 | [16] | 1 |
| 4712 | SHORT | RD | mA | Maximum, Harmonic I L2 | [17] | 1 |
| 4713 | SHORT | RD | mA | Maximum, Harmonic I L2 | [18] | 1 |
| 4714 | SHORT | RD | mA | Maximum, Harmonic I L2 | [19] | 1 |
| 4715 | SHORT | RD | mA | Maximum, Harmonic I L2 | [20] | 1 |
| 4716 | SHORT | RD | mA | Maximum, Harmonic I L2 | [21] | 1 |
| 4717 | SHORT | RD | mA | Maximum, Harmonic I L2 | [22] | 1 |
| 4718 | SHORT | RD | mA | Maximum, Harmonic I L2 | [23] | 1 |
| 4719 | SHORT | RD | mA | Maximum, Harmonic I L2 | [24] | 1 |
| 4720 | SHORT | RD | mA | Maximum, Harmonic I L2 | [25] | 1 |
| 4721 | SHORT | RD | mA | Maximum, Harmonic I L2 | [26] | 1 |
| 4722 | SHORT | RD | mA | Maximum, Harmonic I L2 | [27] | 1 |
| 4723 | SHORT | RD | mA | Maximum, Harmonic I L2 | [28] | 1 |
| 4724 | SHORT | RD | mA | Maximum, Harmonic I L2 | [29] | 1 |
| 4725 | SHORT | RD | mA | Maximum, Harmonic I L2 | [30] | 1 |
| 4726 | SHORT | RD | mA | Maximum, Harmonic I L2 | [31] | 1 |
| 4727 | SHORT | RD | mA | Maximum, Harmonic I L2 | [32] | 1 |
| 4728 | SHORT | RD | mA | Maximum, Harmonic I L2 | [33] | 1 |
| 4729 | SHORT | RD | mA | Maximum, Harmonic I L2 | [34] | 1 |
| 4730 | SHORT | RD | mA | Maximum, Harmonic I L2 | [35] | 1 |
| 4731 | SHORT | RD | mA | Maximum, Harmonic I L2 | [36] | 1 |
| 4732 | SHORT | RD | mA | Maximum, Harmonic I L2 | [37] | 1 |
| 4733 | SHORT | RD | mA | Maximum, Harmonic I L2 | [38] | 1 |
| 4734 | SHORT | RD | mA | Maximum, Harmonic I L2 | [39] | 1 |
| 4735 | SHORT | RD | mA | Maximum, Harmonic I L3 | [0] | 1 |
| 4736 | SHORT | RD | mA | Maximum, Harmonic I L3 | [1] | 1 |
| 4737 | SHORT | RD | mA | Maximum, Harmonic I L3 | [2] | 1 |
| 4738 | SHORT | RD | mA | Maximum, Harmonic I L3 | [3] | 1 |
| 4739 | SHORT | RD | mA | Maximum, Harmonic I L3 | [4] | 1 |
| 4740 | SHORT | RD | mA | Maximum, Harmonic I L3 | [5] | 1 |
| 4741 | SHORT | RD | mA | Maximum, Harmonic I L3 | [6] | 1 |
| 4742 | SHORT | RD | mA | Maximum, Harmonic I L3 | [7] | 1 |
| 4743 | SHORT | RD | mA | Maximum, Harmonic I L3 | [8] | 1 |
| 4744 | SHORT | RD | mA | Maximum, Harmonic I L3 | [9] | 1 |

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| 4745 | SHORT | RD | mA | Maximum, Harmonic I L3 | [10] | 1 |
| 4746 | SHORT | RD | mA | Maximum, Harmonic I L3 | [11] | 1 |
| 4747 | SHORT | RD | mA | Maximum, Harmonic I L3 | [12] | 1 |
| 4748 | SHORT | RD | mA | Maximum, Harmonic I L3 | [13] | 1 |
| 4749 | SHORT | RD | mA | Maximum, Harmonic I L3 | [14] | 1 |
| 4750 | SHORT | RD | mA | Maximum, Harmonic I L3 | [15] | 1 |
| 4751 | SHORT | RD | mA | Maximum, Harmonic I L3 | [16] | 1 |
| 4752 | SHORT | RD | mA | Maximum, Harmonic I L3 | [17] | 1 |
| 4753 | SHORT | RD | mA | Maximum, Harmonic I L3 | [18] | 1 |
| 4754 | SHORT | RD | mA | Maximum, Harmonic I L3 | [19] | 1 |
| 4755 | SHORT | RD | mA | Maximum, Harmonic I L3 | [20] | 1 |
| 4756 | SHORT | RD | mA | Maximum, Harmonic I L3 | [21] | 1 |
| 4757 | SHORT | RD | mA | Maximum, Harmonic I L3 | [22] | 1 |
| 4758 | SHORT | RD | mA | Maximum, Harmonic I L3 | [23] | 1 |
| 4759 | SHORT | RD | mA | Maximum, Harmonic I L3 | [24] | 1 |
| 4760 | SHORT | RD | mA | Maximum, Harmonic I L3 | [25] | 1 |
| 4761 | SHORT | RD | mA | Maximum, Harmonic I L3 | [26] | 1 |
| 4762 | SHORT | RD | mA | Maximum, Harmonic I L3 | [27] | 1 |
| 4763 | SHORT | RD | mA | Maximum, Harmonic I L3 | [28] | 1 |
| 4764 | SHORT | RD | mA | Maximum, Harmonic I L3 | [29] | 1 |
| 4765 | SHORT | RD | mA | Maximum, Harmonic I L3 | [30] | 1 |
| 4766 | SHORT | RD | mA | Maximum, Harmonic I L3 | [31] | 1 |
| 4767 | SHORT | RD | mA | Maximum, Harmonic I L3 | [32] | 1 |
| 4768 | SHORT | RD | mA | Maximum, Harmonic I L3 | [33] | 1 |
| 4769 | SHORT | RD | mA | Maximum, Harmonic I L3 | [34] | 1 |
| 4770 | SHORT | RD | mA | Maximum, Harmonic I L3 | [35] | 1 |
| 4771 | SHORT | RD | mA | Maximum, Harmonic I L3 | [36] | 1 |
| 4772 | SHORT | RD | mA | Maximum, Harmonic I L3 | [37] | 1 |
| 4773 | SHORT | RD | mA | Maximum, Harmonic I L3 | [38] | 1 |
| 4774 | SHORT | RD | mA | Maximum, Harmonic I L3 | [39] | 1 |
| 10824 | SHORT | RD | mA | Maximum Harmonic I L4 | [0] | 1 |
| 10825 | SHORT | RD | mA | Maximum Harmonic I L4 | [1] | 1 |
| 10826 | SHORT | RD | mA | Maximum Harmonic I L4 | [2] | 1 |
| 10827 | SHORT | RD | mA | Maximum Harmonic I L4 | [3] | 1 |
| 10828 | SHORT | RD | mA | Maximum Harmonic I L4 | [4] | 1 |
| 10829 | SHORT | RD | mA | Maximum Harmonic I L4 | [5] | 1 |
| 10830 | SHORT | RD | mA | Maximum Harmonic I L4 | [6] | 1 |
| 10831 | SHORT | RD | mA | Maximum Harmonic I L4 | [7] | 1 |
| 10832 | SHORT | RD | mA | Maximum Harmonic I L4 | [8] | 1 |
| 10833 | SHORT | RD | mA | Maximum Harmonic I L4 | [9] | 1 |
| 10834 | SHORT | RD | mA | Maximum Harmonic I L4 | [10] | 1 |
| 10835 | SHORT | RD | mA | Maximum Harmonic I L4 | [11] | 1 |
| 10836 | SHORT | RD | mA | Maximum Harmonic I L4 | [12] | 1 |
| 10837 | SHORT | RD | mA | Maximum Harmonic I L4 | [13] | 1 |
| 10838 | SHORT | RD | mA | Maximum Harmonic I L4 | [14] | 1 |
| 10839 | SHORT | RD | mA | Maximum Harmonic I L4 | [15] | 1 |
| 10840 | SHORT | RD | mA | Maximum Harmonic I L4 | [16] | 1 |
| 10841 | SHORT | RD | mA | Maximum Harmonic I L4 | [17] | 1 |
| 10842 | SHORT | RD | mA | Maximum Harmonic I L4 | [18] | 1 |
| 10843 | SHORT | RD | mA | Maximum Harmonic I L4 | [19] | 1 |
| 10844 | SHORT | RD | mA | Maximum Harmonic I L4 | [20] | 1 |
| 10845 | SHORT | RD | mA | Maximum Harmonic I L4 | [21] | 1 |
| 10846 | SHORT | RD | mA | Maximum Harmonic I L4 | [22] | 1 |
| 10847 | SHORT | RD | mA | Maximum Harmonic I L4 | [23] | 1 |
| 10848 | SHORT | RD | mA | Maximum Harmonic I L4 | [24] | 1 |
| 10849 | SHORT | RD | mA | Maximum Harmonic I L4 | [25] | 1 |
| 10850 | SHORT | RD | mA | Maximum Harmonic I L4 | [26] | 1 |
| 10851 | SHORT | RD | mA | Maximum Harmonic I L4 | [27] | 1 |
| 10852 | SHORT | RD | mA | Maximum Harmonic I L4 | [28] | 1 |
| 10853 | SHORT | RD | mA | Maximum Harmonic I L4 | [29] | 1 |
| 10854 | SHORT | RD | mA | Maximum Harmonic I L4 | [30] | 1 |
| 10855 | SHORT | RD | mA | Maximum Harmonic I L4 | [31] | 1 |
| 10856 | SHORT | RD | mA | Maximum Harmonic I L4 | [32] | 1 |
| 10857 | SHORT | RD | mA | Maximum Harmonic I L4 | [33] | 1 |
| 10858 | SHORT | RD | mA | Maximum Harmonic I L4 | [34] | 1 |

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| 10859 | SHORT | RD | mA | Maximum Harmonic I L4 | [35] | 1 |
| 10860 | SHORT | RD | mA | Maximum Harmonic I L4 | [36] | 1 |
| 10861 | SHORT | RD | mA | Maximum Harmonic I L4 | [37] | 1 |
| 10862 | SHORT | RD | mA | Maximum Harmonic I L4 | [38] | 1 |
| 10863 | SHORT | RD | mA | Maximum Harmonic I L4 | [39] | 1 |

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