Analizador
de Red trifásico

ENERGY.3-DIS-RS

Manual de uso

Network Analyser User Manual

CE

DPF sensors

www.dpfsensors.com

Index

English

SAFETY WARNINGS

During the installation and operation of the instrument, proceed in accordance with the instructions below:

1) The instrument should be installed by competent personnel
2) Follow the installation diagrams carefully
3) When connecting the instrument, always use TA x/5 A
4) The appliance should be installed in a panel from which no access can be gained to the terminals after installation
5) The terminals of the voltage and current circuits may be connected with a maximum rated voltage to earth of 300 V eff
6) The panel should be wired in accordance with the EN standards that apply
7) Do not power or connect the instrument if any part of it is damaged.

■ NOTE:
• Network analyser is designed to be used in locations with over-voltage category III and pollution level 2, in accordance with the EN 61010-1 standard
• The electrical system of the building in which the instrument is to be installed should have a switch or isolator fitted in the vicinity of the instrument in a place to which the operator has easy access.
A protective device against over-currents should be fitted.

TECHNICAL SPECIFICATIONS

• Power supply: 230 VAC (-15%/+10%)
• Frequency: 50/60 Hz
• Maximum power consumption: 4 VA
• Indications: customised, rear lit LCD display
• Voltmeter inputs: max 550 V rms, 47÷63 Hz
• Ammetric inputs: max 6 A rms, 47÷63 Hz
• Scales: 1 voltage scale with max reading 550 V rms
          2 current scales with maximum readings of 2 A rms and 6 A rms
• Precision:
  - Voltage 0.5% of the end of scale value (for measurements between 10% and 100% of the end of scale value)
  - Minimum signal measured 10 V
  - Current 0.5% of the end of scale value (for measurements between 10% and 100% of the end of scale)
  - Minimum signal measured 20 mA
  - Power 1% of the end of scale value
  - Frequency ±0.1 Hz (47÷63 Hz)
  - Active energy class 2 to standard EN 62052-21
  - Reactive energy class 3 to standard EN 62053-23

- TV selected: primary 1÷9999 V, secondary 230 V
- TA selected: primary 1÷9999 A, secondary 5 A
- Serial output: insulated RS-485 with MODBUS RTU protocol (max 9600 Baud)
- Operating temperature: 0 °C ÷ +50 °C
- Relative humidity: 10%÷90% non-condensing
- Container material in class V-0 in line with the UL 94 standard, 4 module DIN, colour RAL-7035 grey

INSTRUMENT DESCRIPTION

Display and messages
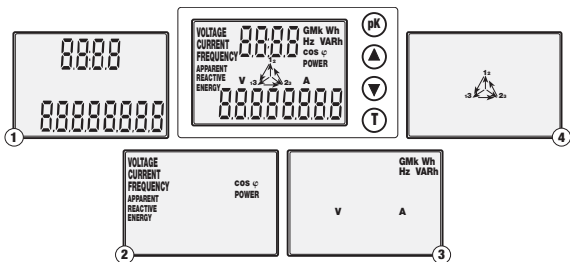
- ① Numerical fields for the display of the values measured
- ② Type of measurement taking place
- ③ Measurement unit
- ④ Phase symbols

KEYS

⬆   Scroll to the next page and set parameters

⬇   Scroll to the previous page and set parameters

Ⓣ   Display of the system values

(pK)   Display of the peak value and selection of parameters during programming

PARAMETER SETTING

■ Access to the programming menus takes place when the instrument is switched on by holding down the **"up"** (▲) and **"down"** (▼) keys at the same time.
■ The following parameters can be programmed by the user in the order shown:
• Primary TV (fixed secondary 230 V)
• Primary TA (fixed secondary 5 A)
• Serial port configuration (3 screen displays) (not available in the spot version)
• Zeroing of active energy meter
• Zeroing of reactive energy meter
• Rear lighting handling
■ For a new parameter setting, the power to the instrument has to be cut off and restored by pressing the **"up"** (▲) and **"down"** (▼) keys at the same time.

TV setting
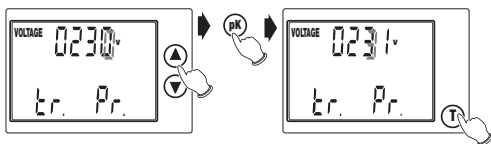
• Press the **"up"** (▲) or **"down"** (▼) keys to select the required value of the flashing figure
• To move to the next figure, press the **"pK"** key
• To confirm the value set and move to the next window, press **"T"**

TA setting
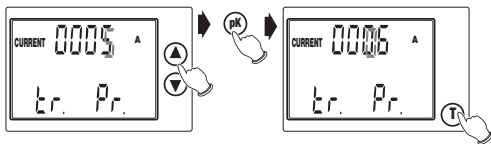
• The same as the TV setting procedure.
  Note: for the TV and TA primaries, any value from 0001 to 9999 can be set. If the value 0000 is set, the instrument will force this to 0001. The secondaries are set to 230 V and 5 A respectively.

Serial port configuration
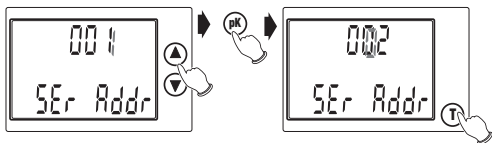
- **Setting the serial port address**: the same as the TV setting procedure
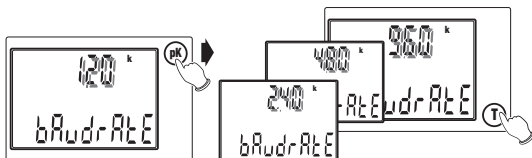
- **Setting the serial port speed**: press **"pK"** to select one of the 4 possible speeds **(1200, 2400, 4800 o 9600 Baud)**.
- To confirm the value set and move to the next window, press **"T"**.
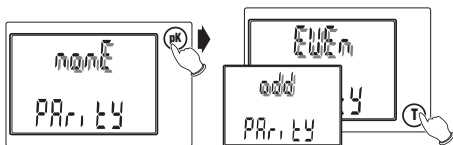
- **Setting the parity bit**: press **"pK"** to select one of the options **"NONE"**, **"ODD"** or **"EVEN"**, in order.
- To confirm the value set and move to the next window, press **"T"**.

Zeroing the active energy meter
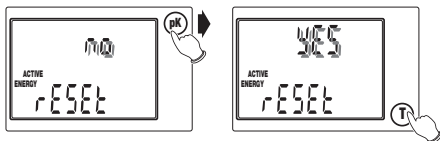
- Press **"pK"** to select the option **"YES"** or **"NO"**.
- To confirm the value set and move to the next window, press **"T"**.

Zeroing the reactive energy meter
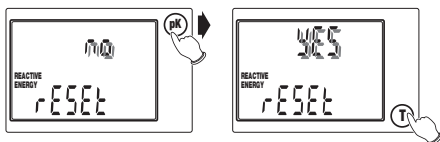
- Same procedure as the zeroing of the active energy meter.

Rear lighting handling
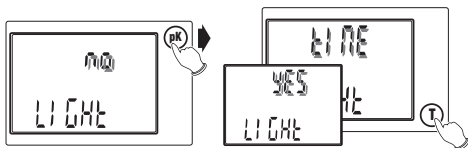
- Press **"pK"** to select from the options **"NO"** (rear lighting off), **"YES"** (on) or **"TIME"** (on for approximately 60 seconds after a key is pressed).
- To confirm the value set and terminate the parameter setting procedure, press **"T"**.

■ When **"T"** is pressed, all the symbols in the display will come on for approximately 3 seconds, followed by the display of the main page.

■ **Note: if the power is cut off during the programming procedure, the instrument will memorise all the settings in place at the instant when this occurs.**

DISPLAYING THE MEASUREMENT PAGE

■ When the instrument is switched on (or after the programming procedure) the main page is displayed after approximately 3 seconds when the display is fully operational.

■ When **"up" (▲)** is pressed from the main page, the following are displayed: all the other measurement pages in sequence.
When **"up" (▲)** is pressed from the last page, the system returns to the main page.

■ If **V** is >999 or **I** is >999, the relevant measurement will flash to indicate that the unit is not complete (prefix **K** or **M** missing).

1) Main page

• **The system voltage, current**, and **active power** are displayed.
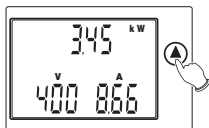
2) Phase voltage page
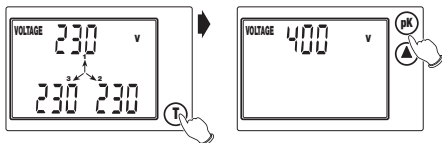
• The **phase voltages** are displayed. If the three phase system has no neutral, the voltages refer to a fictitious star delta centre.
• The **"T"** key is used to display the **system voltage** page.

2a) Peak phase voltage value page
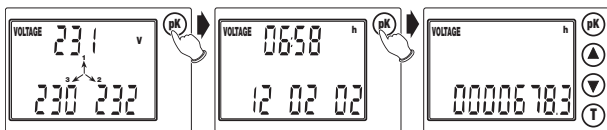
• If **"pK"** is pressed repeatedly from one of the two phase voltage pages, the following are displayed in order:
  - the peak voltage values (phase of system), with the **"V"** measurement unit flashing
  - the instant when the peak occurred (time and date)

- the number of hours lapsing between the start-up of the instrument and the occurrence of the peak (expressed in hours and tenths of an hour)
- To zero the peak values, simply press **"pK"** and **"T"** at the same time
- The **"up" (▲)** key can be pressed at any time to move to the next page.

3) Concatenating voltage page
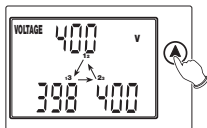
- The **concatenating voltages** between the phases are displayed.

4) Phase current page
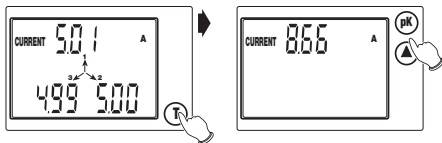
- The **phase currents** are displayed.
- The **"T"** key is used to display the **system current**.

4a) Peak phase current value page
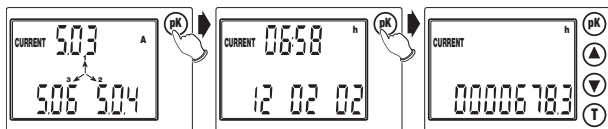
- The same procedure as that for the display of the peak phase voltage values.

5) Active phase power page
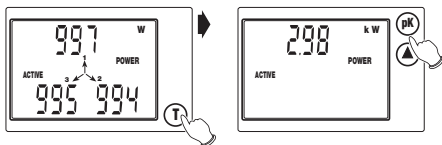
- The **active phase powers** are displayed.
- The **"T"** key is used to display the **active system power**.

5a) Peak active power value pages
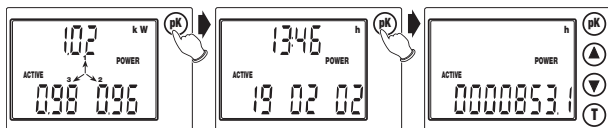
- The same procedure as that for the display of the peak phase voltage values.

6) Apparent phase power page
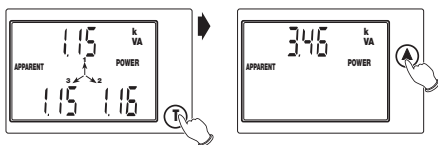
- The **apparent phase powers** are displayed.
- The **"T"** key is used to display the **apparent system power**.

7) Reactive phase power page
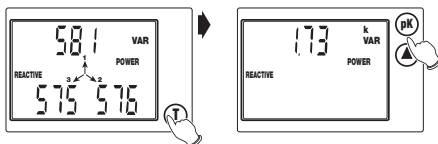
- The **reactive phase powers** are displayed.
- The **"T"** key is used to display the **reactive system power**.

7a) Reactive power peak value pages
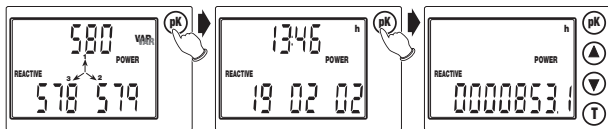
- The same procedure as that for the display of the peak phase voltage values.

8) Phase power factor page
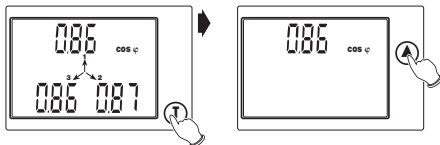
- The **phase power factors** are displayed.
- The **"T"** key is used to display the **system power factor**.

9) Voltage-current phase shift page
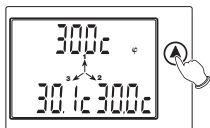
- The **voltage-current phase shifts** are displayed in sexagesimal degrees (the letter **"C"** indicates a capacitative phase shift, and **"L"** indicates an inductive phase shift).

10) Total active energy page
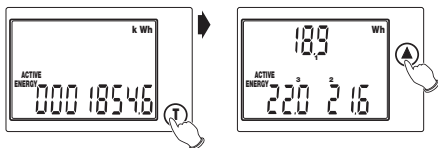
- The **total active energy** is displayed.
- The **"T"** key is used to display the **partial active energy** of the single phases (these energy readings are zeroed each time the total active energy is increased).

11) Total reactive energy page
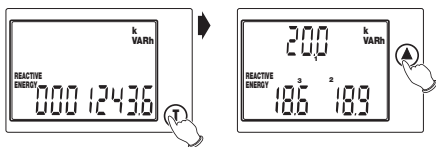
- The **total reactive energy** is displayed.
- The **"T"** key is used to display the **partial reactive energy** readings for the single phases (these energy readings are zeroed each time the total reactive energy is increased).

12) Frequency page
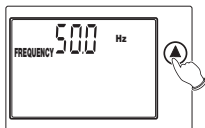
- The V1 voltage frequency is displayed.

13) Time and date page
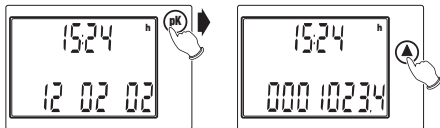
- The time and date are displayed in dd-mm-yy format.
- The **"pK"** key is used to move from the display of the time and date lapsed since the instrument was switched on (expressed in hours and tenths of an hour).
- The **"up" (▲)** key is used to return to the starting page.

13a) Setting the time and date
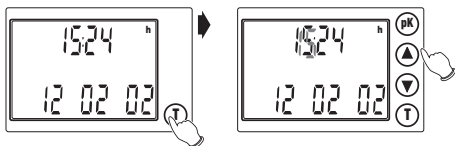
- When **"T"** is pressed from one of the time display pages, the time and date can be set
- Press the **"up" (▲)** or **"down" (▼)** keys to select the required value of the flashing number
- Press **"pK"** to move to the next number
- The **"T"** key can be pressed at any time to return to the time display page, with the memorisation of the modifications entered.

   Note: up to the entry of the first setting, the time and date will flash.
   The time and date will also flash in the peak value pages.

MEASUREMENT / CALCULATION METHOD

- The voltage and current measurements take place in (True RMS) by means of sampling and analogue-digital conversion.
- To calculate the system values, the following formulas are used:

System voltage

$$V = \frac{V_1 + V_2 + V_3}{\sqrt{3}}$$

System current

$$I = \frac{I_1 + I_2 + I_3}{\sqrt{3}}$$

Active system power

$$P = P_1 + P_2 + P_3$$

Reactive system power

$$Q = Q_1 + Q_2 + Q_3 \quad \text{(addition)}$$

Apparent system power

$$A = \sqrt{P^2 + Q^2}$$

System power factor

$$PF = \frac{P}{A}$$

Total active energy

$$E = E_1 + E_2 + E_3$$

SERIAL COMMUNICATION

■ The reference document for all the aspects of the Modbus, as well as the only official specification of the protocol in question, is that found in the web site www.modbus. org. The data communication system based on the Modbus protocol makes it possible to connect up to 247 instruments to a common RS485 line. The communication takes place in half duplex, and only the master (PC/PLC) is able to initiate the question and answer type dialogue with the slaves (address 0) without obtaining any reply.

Characteristics of the Modbus protocol

- Type of Modbus coding: RTU (Remote Terminal Unit)
- Transmission speed (Baud rate): 9600, 4800, 2400, 1200 bps (selectable by the user)
- Byte format transmitted: 1 start bit, 8 data bits, parity bit: none odd, even (as selected), 1 stop bit.

Message structure

The message is structured in various fields (start, address, function, data, CRC check, end), made up of 1 or more characters each; the characters permitted for each field are the hexadecimals 0…9, A…F; the entire message has to be sent with no interruptions, and if there is a pause lasting more than a transmission time of 1.5 characters the receiver has to recognise the incomplete message condition and assume that the following byte is the start of a new message. The start and end of the message can be recognised by a silent interval of at least 3.5 characters. The message can be summed up as follows:

START	ADDRESS	FUNCTION	DATA	CRC CHECK	END
T1-T2-T3-T4	8 BITS	8 BITS	#X 8 BITS	16 BITS	T1-T2-T3-T4

Error check calculation procedure

The Cyclical Redundancy Check (CRC) field is made up of two bytes and contains a 16 bit binary value. This value is calculated by the transmitter device, which inserts the CRC in the message. The receiver device recalculates the CRC during the reception of the message and compares the value calculated with that received in the message. If the two values do not coincide, an error condition is generated.

Funzioni Modbus implementate

Read holding register	(03)
Read input register	(04)
Force multiple coil	(15)*
Preset multiple register	(16)*

* messaggi indirizzabili a tutti gli slave (slave address = 0)

- **Read holding register (03)**
Function for the reading of the registers used to memorise the programmable parameters of the instrument. The registers are programmed by means of the 'preset multiple register' (16) function.

The two bytes to indicate the register are obtained by removing the indicative and subtracting one from the register number. Es.: 40004 → 0004 → (0004-1) =0003

List of holding registers (in hexadecimal format):

40001: primary ammeter transformer (in Ampere)
40002 primary voltmeter transformer (in Volt)
40003 calendar: month – day
40004 calendar: year – hours
40005 calendar: minutes – seconds

Read input register (04):
Function for the reading of the registers in which the measurements are memorised. The instrument allows to obtain the value of all available measurements (33) with a single request.

The measurements available are:

V = system voltage
I = system current
P = active system power
Q = reactive system power
A = apparent system power
PF = system power factor
Ea = total active energy
Er = total reactive energy
f = frequency (phase 1)
V12, V23, V31 = concatenated voltage
Vn = phase voltage (n = 1, 2, 3)
In = phase current (n = 1, 2, 3)
Pn = active phase power (n = 1, 2, 3)
An = apparent phase power (n = 1, 2, 3)
Qn = reactive phase power (n = 1, 2, 3)
PFn = phase power factor (n = 1, 2, 3)
φn = phase shift between voltage and corresponding current (n = 1, 2, 3)
Vmax = maximum system voltage value
Imax = maximum system current value
Pmax = maximum system active power value
Qmax = maximum system reactive power value
TVmax = instant of maximum system voltage value
TImax = instant of maximum system current value
TPmax = instant of maximum system active power value

TQmax = instant of maximum system reactive power value
Vnmax = phase voltage value corresponding to the instant of TVmax (n = 1, 2, 3)
Inmax = phase current value corresponding to the instant of TImax (n = 1, 2, 3)
Pnmax = active phase power value corresponding to the instant of TPmax
           (n = 1, 2, 3)
Qnmax = reactive phase power value corresponding to the instant of TQmax
           (n = 1, 2, 3)

The two bytes to indicate the register are obtained by removing the indicative and subtracting one from the register number.
For example: 30009 → 0009 → (0009-1) =0008

List of register inputs: each pair of registers contains the value of an electrical dimension measured, expressed in IEEE floating point format. The two energy meters are expressed by means of an internal number in 32 bits.

Address	N. words	Dimension	Unit	Address	N. words	Dimension	Unit
30001	2	V	[V]	30035	2	P2	[W]
30003	2	I	[A]	30037	2	P3	[W]
30005	2	P	[W]	30039	2	A1	[VA]
30007	2	A	[VA]	30041	2	A2	[VA]
30009	2	Q	[var]	30043	2	A3	[VA]
30011	2	PF	---	30045	2	Q1	[var]
30013	2	f	[Hz]	30047	2	Q2	[var]
30015	2	V12	[V]	30049	2	Q3	[var]
30017	2	V23	[V]	30051	2	PF1	---
30019	2	V31	[V]	30053	2	PF2	---
30021	2	V1	[V]	30055	2	PF3	---
30023	2	V2	[V]	30057	2	φ1	°
30025	2	V3	[V]	30059	2	φ2	°
30027	2	I1	[A]	30061	2	φ3	°
30029	2	I2	[A]	30063	2	Ea	[kW/10]
30031	2	I3	[A]	30065	2	Er	[kvar/10]
30033	2	P1	[W]				

Apart from the input register at address 0067, there are also the peak values memorised and their times.

Address	N. words	Dimension	Unit		Address	N. words	Dimension	Unit
30067	2	Vmax	[V]		30091	2	V3 max	[V]
30069	2	Imax	[A]		30093	2	I1 max	[A]
30071	2	Pmax	[W]		30095	2	I2 max	[A]
30073	2	Qmax	[var]		30097	2	I3 max	[A]
30075	3	TVmax	(*)		30099	2	P1 max	[W]
30078	3	TImax	(*)		30101	2	P2 max	[W]
30081	3	TPmax	(*)		30103	2	P3 max	[W]
30084	3	TQmax	(*)		30105	2	Q1 max	[var]
30087	2	V1max	[V]		30107	2	Q2 max	[var]
30089	2	V2max	[V]		30109	2	Q3 max	[var]

(*) The times are expressed in the month-day-year-hour-minutes-seconds format (1 byte for each field).

All the measurements contained in the input registers (with the exception of energy meters) are expressed in standard floating point numerical format IEEE-754, which encodes a floating point number of 32 bits, made up of: 1 sign bit, 8 exponent bits and 23 mantissa bits, arranged as follows:

Sign	Exponent	Mantissa
1 Bit	8 Bit	23 Bit
MSB		LSB

The value is encoded as:

$$-1^{s} * (1+m) * 2^{(e-127)}$$

s: sign bit. If the value is negative, this is equal to 1, if positive it is equal to 0.
e: exponent encoded at 8 bits, calculated with an offset of +127.
m: mantissa encoded at 23 bits, calculated by subtracting 1, in such a way as to obtain numbers always between 1 and 1.999999881 ($2-(2^{-23})$), which can be encoded in negative powers of 2.

Force multiple coil (15 = Fhex)
This function is used to carry out commands on the instrument. The commands are regarded as output coils.

List of coils (address):
COIL1: reset energy meters (0)
COIL2: reset peak values (1)

Preset multiple register (16 = 10hex)
Function used to programme a number of "holding" registers.
See list of holding registers in "Read holding register (3)" section.

Communication errors detected

"No response". Data format error, CRC error, etc (it is therefore not possible to be certain that the message is correctly addressed).
"Exception response". The possible error codes are:
01 – illegal function
02 – illegal data address
03 – illegal data value

Serial communication times

The communication protocol has no restrictions with regard to the response time of a slave device interrogated by a master (time T2), or with regard to time T3, that is, the time lapsing between the end of a response and the start of a new interrogation by the master.
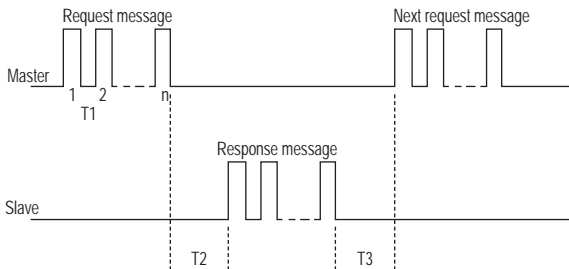
However, these parameters take on particular importance in the setting up of a network made up of a large number of instruments, in fact if T2 and T3 are not restricted by determined maximum values, the time needed by the master (PC) to interrogate the entire rate may be excessive. It is also necessary to set the minimum values to avoid problems of conflict between different devices. The accepted values are listed inside this table:

Time	Description	Min/Typ/Max values
T1	Inter-character timeout: 1.5 (one character duration)	Max =12ms (a 1200bps) Max =6ms (a 2400bps) Max =3ms (a 4800bps) Max =1.5ms (a 9600bps)
T2	Slave response time	Min = 25ms Typ = 30ms Max =100ms
T3	Minimum time between two request messages from the Master	Min = 100ms Typ > 1s

REFERENCE STANDARDS

Conformity to EC directives
2006/95/EC (LVD)
2004/108/EC (EMC)
is declared with reference to the following harmonised standards:

- **Safety**: EN 61010-1
- **Electromagnetic compatibility**: EN 61000-6-2 and EN 61000-6-4
- **Metering requirements**: EN 62052-21 and EN 62053-23
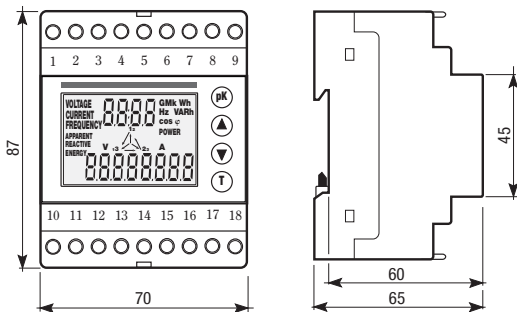
DIMENSIONS

Single phase
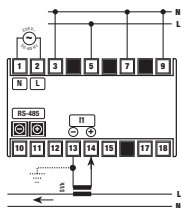
Three phase

Three phase+N

English
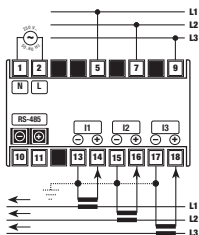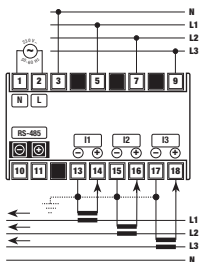
Analizador de Red trifásico

ENERGY.3-DIS-RS

ANEXO RS485

Register Name	Description	Register Type	R/W	Default	Modbus Address
Machine_Id	Machine ID	unsigned short	R	23 , 28 or 32 (STD, PLUS, PRO)	40001
HW_FW_versione	Hardware (MSB) and Firmware (LSB) Revision	unsigned short	R		40002
address	modbus address	unsigned short	R/W	1	40003
delay	answer delay expressed as cycles	unsigned short	R/W	1	40004
Baudrate	0 → 1200 1 → 2400 2 → 4800 3 → 9600 4 → 19200 5 → 38400 6 → 57600 7 → 115200	unsigned short	R/W	3	40005
Parity	0 -> NONE 1 -> ODD 2 -> EVEN	unsigned short	R/W	0	40006
Configuration_Flag	Bit 0: Current Measurement type 0 → Input 1A/5A 1 → Input 333 mV/ Rogowski Bit 1..2: Connection 0 → Single phase 1 → Three phase: 3 wires, 2 TA (Aron) 2 → Three phase: 3 wires, 3 TA 3 → Three phase: 4 wires, 3 TA (with neutral) Bit 5: Reactive power calculation method 0 → Triangle method 1 → Budeanu Bit 6: RS-485 as Switch 0 → RS-485 1 → Switch Bit 7: Frequency detection Channel 0 → Voltage 1 → Current Bit 9: Energy saving 0 → Disabled 1 → Enabled Bit 11..12: Measurement type 0 → Float 1 → Float Swapped 2 → Hundredth (Float * 100) 3 → Hundredth swapped (Float * 100 SW) Bit 13: Integrator condition 0 → Integrator disabled 1 → Integrator enabled (Rogowski input) Bit 14: Output switch initial condition 0 → Closed initial condition 1 → Open initial condition Bit 15: Filtered measurement 0 → Filtering disabled 1 → Filtering enabled	unsigned short	R/W	550: INPUT_1A_5A | THREE_PHASE_4W_3CT | BUDEANU | RS485_BEHAVIOUR | FREQUENCY_DETECTION_ON_VOLTAGE | ENERGY_SAVING_ENABLED | FLOAT_TYPE | INTEGRATOR_DISABLED | OPEN_INIT_COND | FILTERED_OUTPUT_DISABLED	40007
Led_settings	Set Fail LED Bit: 0 → Fail Eeprom (settings, calibration or Energy) 1 → don't care 2 → I1 Over-range 3 → I1 Under-range 4 → I2 Over-range 5 → I2 Under-range 6 → I3 Over-range 7 → I3 Under-range 8 → V1 Over-range 9 → V1 Under-range 10 → V2 Over-range 11 → V2 Under-range 12 → V3 Over-range 13 → V3 Under-range * /	unsigned short	R/W	1: Fail Eeprom	40008
TA_Transducer_ratio	If Input 1A/5A → Current transformer ratio M/N (Ex: 600:5 → transducer_ratio = 120) If Input Rogowski / 333mV → Sensitivity [A/V] (Ex: 100mV/1KA → transducer_ratio = 10000, 333mV/5A → transducer_ratio = 15)	float	R/W	1	40009
TA_Transducer_delay	Current transformer delay in [°] @ 50 Hz for accurate power calculation	float	R/W	0	40011
TV_Transducer_ratio	Voltage transformer ratio M/N - Default 1.0 (Ex: 1000:100 → transducer_ratio = 10)	float	R/W	1	40013
TV_Transducer_delay	Voltage transformer delay in [°] @ 50 Hz for accurate power calculation	float	R/W	0	40015
minimum_voltage_ripple	Minimum threshold under which the instrument reads 0 independent from the input value	float	R/W	0	40017
minimum_current_ripple	Minimum threshold under which the instrument reads 0 independent from the input value	float	R/W	0	40019
minimum_power_ripple	Minimum threshold under which the instrument reads 0 independent from the input value (P, Q, and S)	float	R/W	0	40021
DC_Filter	Number of tenth seconds for I RMS value in DC	unsigned short	R/W	10	40023
AC_Filter	Number of zero crossings for I RMS value in AC	unsigned short	R/W	50	40024
minute_for_Max_demand	Minute for Max demand calculation (0..60)	unsigned short	R/W	15	40025
dummy_conf		unsigned short	R/W	0	40026
seconds_for_mean_RMS	Register in seconds (0..30) for RMS average	unsigned short	R/W	0	40027
seconds_for_MAX_RMS	Seconds 1..30 for MAX RMS value. If the register is 0, then the absolute MAX RMS is given	unsigned short	R/W	0	40028
seconds_for_min_RMS	Seconds 1..30 for min RMS value. If the register is 0, then the absolute min RMS is given	unsigned short	R/W	0	40029
seconds_for_mean_DC	Register in seconds (0..30) for DC average	unsigned short	R/W	0	40030
seconds_for_MAX_DC	Seconds 1..30 for MAX DC value. If the register is 0, then the absolute MAX DC is given	unsigned short	R/W	0	40031
seconds_for_min_DC	Seconds 1..30 for min DC value. If the register is 0, then the absolute min DC is given	unsigned short	R/W	0	40032
seconds_for_mean_AC	Register in seconds (0..30) for AC average	unsigned short	R/W	0	40033
seconds_for_MAX_AC	Seconds 1..30 for MAX AC value. If the register is 0, then the absolute MAX AC is given	unsigned short	R/W	0	40034
seconds_for_min_AC	Seconds 1..30 for min AC value. If the register is 0, then the absolute min AC is given	unsigned short	R/W	0	40035
Alarm_Register_start_address	Float value Starting address for alarm (40359 V_L1_N, 40361 V_L2_N, 40363 V_L3_N, ecc)	unsigned short	R/W	40359	40036
Alarm_trip_value	Alarm Threshold	float	R/W	0	40037
Alarm_hysteresis	Alarm Hysteresis	float	R/W	1	40039

Register Name	Description	Register Type	R/W	Default	Modbus Address
Status_1	bit 0: flash settings error; bit 1: flash calibration error; bit 2: Current I1 Over Range; bit 3: Current I1 Under Range; bit 4: Current I2 Over Range; bit 5: Current I2 Under Range; bit 6: Current I3 Over Range; bit 7: Current I3 Under Range; bit 8: Current V1 Over Range; bit 9: Current V1 Under Range; bit 10: Current V2 Over Range; bit 11: Current V2 Under Range; bit 12: Current V3 Over Range; bit 13: Current V3 Under Range; bit 14: Zero crossing detecting; bit 15: Switch open; bit 16: Wh storing error; bit 17..18: don't care; bit 19: Alarm detection; bit 20..27: don't care; bit 28: Leading Power factor PF1; bit 29: Leading Power factor PF2; bit 30: Leading Power factor PF3;	unsigned long	R		40239
Command	Flash settings save command = 0xC1C0; Reset command = 0xC1A0; Save energy command = 0xBABA Close Switch command = 0xDAAA (only if Digital Output is enabled) Open Switch command = 0xDAAB (only if Digital Output is enabled)	unsigned short	R/W		40244
KWh1	Active energy line 1 [Wh tenth]	signed long long	R/W		40245
KWh2	Active energy line 2 [Wh tenth]	signed long long	R/W		40249
KWh3	Active energy line 3 [Wh tenth]	signed long long	R/W		40253
KWh_SUM	Active energy three phase [Wh tenth]	signed long long	R/W		40257
KWh1_Plus	Positive Active energy line 1 [Wh tenth]	signed long long	R/W		40261
KWh2_Plus	Positive Active energy line 2 [Wh tenth]	signed long long	R/W		40265
KWh3_Plus	Positive Active energy line 3 [Wh tenth]	signed long long	R/W		40269
KWh_SUM_Plus	Positive Active energy three phase [Wh tenth]	signed long long	R/W		40273
KWh1_Neg	Negative Active energy line 1 [Wh tenth]	signed long long	R/W		40277
KWh2_Neg	Negative Active energy line 2 [Wh tenth]	signed long long	R/W		40281
KWh3_Neg	Negative Active energy line 3 [Wh tenth]	signed long long	R/W		40285
KWh_SUM_Neg	Negative Active energy three phase [Wh tenth]	signed long long	R/W		40289
KVARh1	Reactive energy line 1 [VARh tenth]	signed long long	R/W		40293
KVARh2	Reactive energy line 2 [VARh tenth]	signed long long	R/W		40297
KVARh3	Reactive energy line 3 [VARh tenth]	signed long long	R/W		40301
KVARh_SUM	Reactive energy three phase [VARh tenth]	signed long long	R/W		40305
KVARh1_Inductive	Inductive Reactive energy line 1 [VARh tenth]	signed long long	R/W		40309
KVARh2_Inductive	Inductive Reactive energy line 2 [VARh tenth]	signed long long	R/W		40313
KVARh3_Inductive	Inductive Reactive energy line 3 [VARh tenth]	signed long long	R/W		40317
KVARh_SUM_Inductive	Inductive Reactive energy three phase [VARh tenth]	signed long long	R/W		40321
KVARh1_Capacitive	Capacitive Reactive energy line 1 [VARh tenth]	signed long long	R/W		40325
KVARh2_Capacitive	Capacitive Reactive energy line 2 [VARh tenth]	signed long long	R/W		40329
KVARh3_Capacitive	Capacitive Reactive energy line 3 [VARh tenth]	signed long long	R/W		40333
KVARh_SUM_Capacitive	Capacitive Reactive energy three phase [VARh tenth]	signed long long	R/W		40337
KVAh1	Apparent energy line 1 [VAh tenth]	signed long long	R/W		40341
KVAh2	Apparent energy line 2 [VAh tenth]	signed long long	R/W		40345
KVAh3	Apparent energy line 3 [VAh tenth]	signed long long	R/W		40349
KVAh_SUM	Apparent energy three phase [VAh tenth]	signed long long	R/W		40353
Wh_storage_count	Number of Wh flash savings (every 20 seconds)	unsigned long	R		40357
V_L1_N	RMS star voltage L1-N [V]	float	R		40359
V_L2_N	RMS star voltage L2-N [V]	float	R		40361
V_L3_N	RMS star voltage L3-N [V]	float	R		40363
V_STAR_AVG	RMS star avg value voltage [V]	float	R		40365
V_L1_L2	RMS line voltage L1-L2 [V]	float	R		40367
V_L2_L3	RMS line voltage L2-L3 [V]	float	R		40369
V_L3_L1	RMS line voltage L3-L1 [V]	float	R		40371
V_LINE_AVG	RMS line avg value voltage [V]	float	R		40373
I_L1	RMS line current L1 [A]	float	R		40375
I_L2	RMS line current L2 [A]	float	R		40377
I_L3	RMS line current L3 [A]	float	R		40379
I_N	RMS line current N [A] (if 1 or 2 TA connection, I_N = 0)	float	R		40381
I_AVG	RMS avg value current [A] (excluding neutral current I_N)	float	R		40383
P1	RMS active power line 1 [W]	float	R		40385
P2	RMS active power line 2 [W]	float	R		40387
P3	RMS active power line 3 [W]	float	R		40389
P_SUM	RMS sum active power [W]	float	R		40391
Q1	RMS reactive power line 1 [VAR]	float	R		40393
Q2	RMS reactive power line 2 [VAR]	float	R		40395
Q3	RMS reactive power line 3 [VAR]	float	R		40397
Q_SUM	RMS sum reactive power [VAR]	float	R		40399
S1	RMS apparent power line 1 [VAR]	float	R		40401
S2	RMS apparent power line 2 [VAR]	float	R		40403
S3	RMS apparent power line 3 [VAR]	float	R		40405
S_SUM	RMS sum apparent power [VAR]	float	R		40407
PF1	Power Factor line 1	float	R		40409
PF2	Power Factor line 2	float	R		40411
PF3	Power Factor line 3	float	R		40413
PF_3PH	Three Phase Power Factor	float	R		40415
CF1	Crest Factor line 1	float	R		40417
CF2	Crest Factor line 2	float	R		40419
CF3	Crest Factor line 3	float	R		40421
CF_N	Crest Factor Neutral	float	R		40423
Frequency	Frequency [Hz]	float	R		40425
V_L1_N_peak	Star voltage L1-N peak [V]	float	R/W		40427
V_L2_N_peak	Star voltage L2-N peak [V]	float	R/W		40429
V_L3_N_peak	Star voltage L3-N peak [V]	float	R/W		40431
V_L1_L2_peak	Line voltage L1-L2 peak [V]	float	R/W		40433
V_L2_L3_peak	Line voltage L2-L3 peak [V]	float	R/W		40435
V_L3_L1_peak	Line voltage L3-L1 peak [V]	float	R/W		40437
I_L1_peak	L1 current peak [A]	float	R/W		40439
I_L2_peak	L2 current peak [A]	float	R/W		40441
I_L3_peak	L3 current peak [A]	float	R/W		40443
I_N_peak	N current peak [A]	float	R/W		40445
DPF1	Distortion Power Factor line 1 (+ inductive, - capacitive)	float	R		40467
DPF2	Distortion Power Factor line 2 (+ inductive, - capacitive)	float	R		40469
DPF3	Distortion Power Factor line 3 (+ inductive, - capacitive)	float	R		40471
DPF_AVG	Average Distortion Power Factor (+ inductive, - capacitive)	float	R		40473
TAN_FI_1	Tangentθline 1 (+ inductive, - capacitive)	float	R		40475
TAN_FI_2	Tangentθline 2 (+ inductive, - capacitive)	float	R		40477
TAN_FI_3	Tangentθline 3 (+ inductive, - capacitive)	float	R		40479
TAN_FI_AVG	Average Tangentθ(+ inductive, - capacitive)	float	R		40481
Phase_Order	L1, L2, L3 = 0; L1, L3, L2 = 1	float	R		40483

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
Internal_temperature	Internal Temperature [°C]	float	R		40485
V_L1_N_RMS_AVG	Star voltage L1_N RMS average [V] over "seconds_for_mean_RMS"	float	R		40487
V_L1_N_RMS_MAX	Star voltage L1_N MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40489
V_L1_N_RMS_min	Star voltage L1_N Min RMS [V] over last"seconds_for_min_RMS"	float	R		40491
V_L2_N_RMS_AVG	Star voltage L2_N RMS average [V] over "seconds_for_mean_RMS"	float	R		40493
V_L2_N_RMS_MAX	Star voltage L2_N MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40495
V_L2_N_RMS_min	Star voltage L2_N Min RMS [V] over last"seconds_for_min_RMS"	float	R		40497
V_L3_N_RMS_AVG	Star voltage L3_N RMS average [V] over "seconds_for_mean_RMS"	float	R		40499
V_L3_N_RMS_MAX	Star voltage L3_N MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40501
V_L3_N_RMS_min	Star voltage L3_N Min RMS [V] over last"seconds_for_min_RMS"	float	R		40503
V_L1_L2_RMS_AVG	Line voltage L1-Line voltage L2-Line voltage L3-L1 RMS average [V] over "seconds_for_mean_RMS"	float	R		40505
V_L1_L2_RMS_MAX	Line voltage L1-Line voltage L2-Line voltage L3-L1 MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40507
V_L1_L2_RMS_min	Line voltage L1-Line voltage L2-Line voltage L3-L1 Min RMS [V] over last"seconds_for_min_RMS"	float	R		40509
V_L2_L3_RMS_AVG	Line voltage L2-Line voltage L3-L1 RMS average [V] over "seconds_for_mean_RMS"	float	R		40511
V_L2_L3_RMS_MAX	Line voltage L2-Line voltage L3-L1 MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40513
V_L2_L3_RMS_min	Line voltage L2-Line voltage L3-L1 Min RMS [V] over last"seconds_for_min_RMS"	float	R		40515
V_L3_L1_RMS_AVG	Line voltage L3-L1 RMS average [V] over "seconds_for_mean_RMS"	float	R		40517
V_L3_L1_RMS_MAX	Line voltage L3-L1 MAX RMS [V] over last "seconds_for_MAX_RMS"	float	R		40519
V_L3_L1_RMS_min	Line voltage L3-L1 Min RMS [V] over last"seconds_for_min_RMS"	float	R		40521
I_L1_RMS_AVG	L1 RMS average [A] over "seconds_for_mean_RMS"	float	R		40523
I_L1_RMS_MAX	L1 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40525
I_L1_RMS_min	L1 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40527
I_L2_RMS_AVG	L2 RMS average [A] over "seconds_for_mean_RMS"	float	R		40529
I_L2_RMS_MAX	L2 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40531
I_L2_RMS_min	L2 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40533
I_L3_RMS_AVG	L3 RMS average [A] over "seconds_for_mean_RMS"	float	R		40535
I_L3_RMS_MAX	L3 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40537
I_L3_RMS_min	L3 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40539
I_N_RMS_AVG	N RMS average [A] over "seconds_for_mean_RMS"	float	R		40541
I_N_RMS_MAX	N MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40543
I_N_RMS_min	N Min RMS [A] over last"seconds_for_min_RMS"	float	R		40545
I_AVG_RMS_AVG	I_AVG RMS average [A] over "seconds_for_mean_RMS"	float	R		40547
I_AVG_RMS_MAX	I_AVG MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40549
I_AVG_RMS_min	I_AVG Min RMS [A] over last"seconds_for_min_RMS"	float	R		40551
P1_RMS_AVG	P1 RMS average [A] over "seconds_for_mean_RMS"	float	R		40553
P1_RMS_MAX	P1 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40555
P1_RMS_min	P1 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40557
P2_RMS_AVG	P2 RMS average [A] over "seconds_for_mean_RMS"	float	R		40559
P2_RMS_MAX	P2 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40561
P2_RMS_min	P2 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40563
P3_RMS_AVG	P3 RMS average [A] over "seconds_for_mean_RMS"	float	R		40565
P3_RMS_MAX	P3 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40567
P3_RMS_min	P3 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40569
P_SUM_RMS_AVG	P_SUM RMS average [A] over "seconds_for_mean_RMS"	float	R		40571
P_SUM_RMS_MAX	P_SUM MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40573
P_SUM_RMS_min	P_SUM Min RMS [A] over last"seconds_for_min_RMS"	float	R		40575
Q1_RMS_AVG	Q1 RMS average [A] over "seconds_for_mean_RMS"	float	R		40577
Q1_RMS_MAX	Q1 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40579
Q1_RMS_min	Q1 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40581
Q2_RMS_AVG	Q2 RMS average [A] over "seconds_for_mean_RMS"	float	R		40583
Q2_RMS_MAX	Q2 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40585
Q2_RMS_min	Q2 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40587
Q3_RMS_AVG	Q3 RMS average [A] over "seconds_for_mean_RMS"	float	R		40589
Q3_RMS_MAX	Q3 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40591
Q3_RMS_min	Q3 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40593
Q_SUM_RMS_AVG	Q_SUM RMS average [A] over "seconds_for_mean_RMS"	float	R		40595
Q_SUM_RMS_MAX	Q_SUM MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40597
Q_SUM_RMS_min	Q_SUM Min RMS [A] over last"seconds_for_min_RMS"	float	R		40599
S1_RMS_AVG	S1 RMS average [A] over "seconds_for_mean_RMS"	float	R		40601
S1_RMS_MAX	S1 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40603
S1_RMS_min	S1 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40605
S2_RMS_AVG	S2 RMS average [A] over "seconds_for_mean_RMS"	float	R		40607
S2_RMS_MAX	S2 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40609
S2_RMS_min	S2 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40611
S3_RMS_AVG	S3 RMS average [A] over "seconds_for_mean_RMS"	float	R		40613
S3_RMS_MAX	S3 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40615
S3_RMS_min	S3 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40617
S_SUM_RMS_AVG	S_SUM RMS average [A] over "seconds_for_mean_RMS"	float	R		40619
S_SUM_RMS_MAX	S_SUM MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40621
S_SUM_RMS_min	S_SUM Min RMS [A] over last"seconds_for_min_RMS"	float	R		40623
PF1_RMS_AVG	PF1 RMS average [A] over "seconds_for_mean_RMS"	float	R		40625
PF1_RMS_MAX	PF1 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40627
PF1_RMS_min	PF1 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40629
PF2_RMS_AVG	PF2 RMS average [A] over "seconds_for_mean_RMS"	float	R		40631
PF2_RMS_MAX	PF2 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40633
PF2_RMS_min	PF2 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40635
PF3_RMS_AVG	PF3 RMS average [A] over "seconds_for_mean_RMS"	float	R		40637
PF3_RMS_MAX	PF3 MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40639
PF3_RMS_min	PF3 Min RMS [A] over last"seconds_for_min_RMS"	float	R		40641
PF_SUM_RMS_AVG	PF_SUM RMS average [A] over "seconds_for_mean_RMS"	float	R		40643
PF_SUM_RMS_MAX	PF_SUM MAX RMS [A] over last "seconds_for_MAX_RMS"	float	R		40645
PF_SUM_RMS_min	PF_SUM Min RMS [A] over last"seconds_for_min_RMS"	float	R		40647
P1_Time_over_threshold	Time above threshold specified in "…." for Active Power P1 [min]	float	R		40649
P2_Time_over_threshold	Time above threshold specified in "…." for Active Power P2 [min]	float	R		40651
P3_Time_over_threshold	Time above threshold specified in "…." for Active Power P3 [min]	float	R		40653
P_SUM_Time_over_threshold	Time above threshold specified in "…." for Active Power P_SUM [min]	float	R		40655
P1_MaxDemand	Max Demand over 15minutes for P1 for current month	float	R		40657
P2_MaxDemand	Max Demand over 15minutes for P2 for current month	float	R		40659
P3_MaxDemand	Max Demand over 15minutes for P3 for current month	float	R		40661
P_SUM_MaxDemand	Max Demand over 15minutes for P three phase for current month	float	R		40663
Time_of_P1_MaxDemand	Time at which arises Max Demand over 15minutes for P1 for current month (month | day | hour | minutes)	unsigned long	R		40665
Time_of_P2_MaxDemand	Time at which arises Max Demand over 15minutes for P2 for current month (month | day | hour | minutes)	unsigned long	R		40667
Time_of_P3_MaxDemand	Time at which arises Max Demand over 15minutes for P3 for current month (month | day | hour | minutes)	unsigned long	R		40669
Time_of_P_SUM_MaxDemand	Time at which arises Max Demand over 15minutes for P three phase for current month (month | day | hour | m	unsigned long	R		40671
K_factor	K-factor, see IEEE Standard 1100-1992	float	R		40673
Year	RTC : year (2000-2099)	unsigned short	R/W		40675
Month	RTC : month (1-12)	unsigned short	R/W		40676
Day	RTC : day month (1-31)	unsigned short	R/W		40677
Hour	RTC : hour (0-23)	unsigned short	R/W		40678
Minute	RTC : minute (0-59)	unsigned short	R/W		40679
Seconds	RTC : second (0-59)	unsigned short	R/W		40680
THD_V_L1	THD Star Voltage L1	float	R		40681
THD_V_L2	THD Star Voltage L2	float	R		40683
THD_V_L3	THD Star Voltage L3	float	R		40685
THD_V_L12	THD Line Voltage L1-2	float	R		40687
THD_V_L23	THD Line Voltage L2-3	float	R		40689
THD_V_L31	THD Line Voltage L3-1	float	R		40691
THD_I_L1	THD Line Current L1	float	R		40693
THD_I_L2	THD Line Current L2	float	R		40695
THD_I_L3	THD Line Current L3	float	R		40697
THD_I_N	THD Neutral Current	float	R		40699

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
TDD_V_L1	TDD Star Voltage L1	float	R		40701
TDD_V_L2	TDD Star Voltage L2	float	R		40703
TDD_V_L3	TDD Star Voltage L3	float	R		40705
TDD_V_L12	TDD Line Voltage L1-L2	float	R		40707
TDD_V_L23	TDD Line Voltage L2-L3	float	R		40709
TDD_V_L31	TDD Line Voltage L3-L1	float	R		40711
TDD_I_L1	TDD Line Current L1	float	R		40713
TDD_I_L2	TDD Line Current L2	float	R		40715
TDD_I_L3	TDD Line Current L3	float	R		40717
TDD_I_N	TDD Neutral Current	float	R		40719
V_L1N_H_0	Star Voltage L1-N Harmonic #0	float	R		40741
V_L1N_H_1	Star Voltage L1-N Harmonic #1	float	R		40743
V_L1N_H_2	Star Voltage L1-N Harmonic #2	float	R		40745
V_L1N_H_3	Star Voltage L1-N Harmonic #3	float	R		40747
V_L1N_H_4	Star Voltage L1-N Harmonic #4	float	R		40749
V_L1N_H_5	Star Voltage L1-N Harmonic #5	float	R		40751
V_L1N_H_6	Star Voltage L1-N Harmonic #6	float	R		40753
V_L1N_H_7	Star Voltage L1-N Harmonic #7	float	R		40755
V_L1N_H_8	Star Voltage L1-N Harmonic #8	float	R		40757
V_L1N_H_9	Star Voltage L1-N Harmonic #9	float	R		40759
V_L1N_H_10	Star Voltage L1-N Harmonic #10	float	R		40761
V_L1N_H_11	Star Voltage L1-N Harmonic #11	float	R		40763
V_L1N_H_12	Star Voltage L1-N Harmonic #12	float	R		40765
V_L1N_H_13	Star Voltage L1-N Harmonic #13	float	R		40767
V_L1N_H_14	Star Voltage L1-N Harmonic #14	float	R		40769
V_L1N_H_15	Star Voltage L1-N Harmonic #15	float	R		40771
V_L1N_H_16	Star Voltage L1-N Harmonic #16	float	R		40773
V_L1N_H_17	Star Voltage L1-N Harmonic #17	float	R		40775
V_L1N_H_18	Star Voltage L1-N Harmonic #18	float	R		40777
V_L1N_H_19	Star Voltage L1-N Harmonic #19	float	R		40779
V_L1N_H_20	Star Voltage L1-N Harmonic #20	float	R		40781
V_L1N_H_21	Star Voltage L1-N Harmonic #21	float	R		40783
V_L1N_H_22	Star Voltage L1-N Harmonic #22	float	R		40785
V_L1N_H_23	Star Voltage L1-N Harmonic #23	float	R		40787
V_L1N_H_24	Star Voltage L1-N Harmonic #24	float	R		40789
V_L1N_H_25	Star Voltage L1-N Harmonic #25	float	R		40791
V_L1N_H_26	Star Voltage L1-N Harmonic #26	float	R		40793
V_L1N_H_27	Star Voltage L1-N Harmonic #27	float	R		40795
V_L1N_H_28	Star Voltage L1-N Harmonic #28	float	R		40797
V_L1N_H_29	Star Voltage L1-N Harmonic #29	float	R		40799
V_L1N_H_30	Star Voltage L1-N Harmonic #30	float	R		40801
V_L1N_H_31	Star Voltage L1-N Harmonic #31	float	R		40803
V_L1N_H_32	Star Voltage L1-N Harmonic #32	float	R		40805
V_L1N_H_33	Star Voltage L1-N Harmonic #33	float	R		40807
V_L1N_H_34	Star Voltage L1-N Harmonic #34	float	R		40809
V_L1N_H_35	Star Voltage L1-N Harmonic #35	float	R		40811
V_L1N_H_36	Star Voltage L1-N Harmonic #36	float	R		40813
V_L1N_H_37	Star Voltage L1-N Harmonic #37	float	R		40815
V_L1N_H_38	Star Voltage L1-N Harmonic #38	float	R		40817
V_L1N_H_39	Star Voltage L1-N Harmonic #39	float	R		40819
V_L1N_H_40	Star Voltage L1-N Harmonic #40	float	R		40821
V_L1N_H_41	Star Voltage L1-N Harmonic #41	float	R		40823
V_L1N_H_42	Star Voltage L1-N Harmonic #42	float	R		40825
V_L1N_H_43	Star Voltage L1-N Harmonic #43	float	R		40827
V_L1N_H_44	Star Voltage L1-N Harmonic #44	float	R		40829
V_L1N_H_45	Star Voltage L1-N Harmonic #45	float	R		40831
V_L1N_H_46	Star Voltage L1-N Harmonic #46	float	R		40833
V_L1N_H_47	Star Voltage L1-N Harmonic #47	float	R		40835
V_L1N_H_48	Star Voltage L1-N Harmonic #48	float	R		40837
V_L1N_H_49	Star Voltage L1-N Harmonic #49	float	R		40839
V_L1N_H_50	Star Voltage L1-N Harmonic #50	float	R		40841
V_L1N_H_51	Star Voltage L1-N Harmonic #51	float	R		40843
V_L1N_H_52	Star Voltage L1-N Harmonic #52	float	R		40845
V_L1N_H_53	Star Voltage L1-N Harmonic #53	float	R		40847
V_L1N_H_54	Star Voltage L1-N Harmonic #54	float	R		40849
V_L1N_H_55	Star Voltage L1-N Harmonic #55	float	R		40851
V_L1N_H_56	Star Voltage L1-N Harmonic #56	float	R		40853
V_L1N_H_57	Star Voltage L1-N Harmonic #57	float	R		40855
V_L1N_H_58	Star Voltage L1-N Harmonic #58	float	R		40857
V_L1N_H_59	Star Voltage L1-N Harmonic #59	float	R		40859
V_L1N_H_60	Star Voltage L1-N Harmonic #60	float	R		40861
V_L1N_H_61	Star Voltage L1-N Harmonic #61	float	R		40863
V_L1N_H_62	Star Voltage L1-N Harmonic #62	float	R		40865
V_L1N_H_63	Star Voltage L1-N Harmonic #63	float	R		40867
V_L2N_H_0	Star Voltage L2-N Harmonic #0	float	R		40869
V_L2N_H_1	Star Voltage L2-N Harmonic #1	float	R		40871
V_L2N_H_2	Star Voltage L2-N Harmonic #2	float	R		40873
V_L2N_H_3	Star Voltage L2-N Harmonic #3	float	R		40875
V_L2N_H_4	Star Voltage L2-N Harmonic #4	float	R		40877
V_L2N_H_5	Star Voltage L2-N Harmonic #5	float	R		40879
V_L2N_H_6	Star Voltage L2-N Harmonic #6	float	R		40881
V_L2N_H_7	Star Voltage L2-N Harmonic #7	float	R		40883
V_L2N_H_8	Star Voltage L2-N Harmonic #8	float	R		40885
V_L2N_H_9	Star Voltage L2-N Harmonic #9	float	R		40887
V_L2N_H_10	Star Voltage L2-N Harmonic #10	float	R		40889
V_L2N_H_11	Star Voltage L2-N Harmonic #11	float	R		40891
V_L2N_H_12	Star Voltage L2-N Harmonic #12	float	R		40893
V_L2N_H_13	Star Voltage L2-N Harmonic #13	float	R		40895
V_L2N_H_14	Star Voltage L2-N Harmonic #14	float	R		40897
V_L2N_H_15	Star Voltage L2-N Harmonic #15	float	R		40899
V_L2N_H_16	Star Voltage L2-N Harmonic #16	float	R		40901
V_L2N_H_17	Star Voltage L2-N Harmonic #17	float	R		40903
V_L2N_H_18	Star Voltage L2-N Harmonic #18	float	R		40905
V_L2N_H_19	Star Voltage L2-N Harmonic #19	float	R		40907
V_L2N_H_20	Star Voltage L2-N Harmonic #20	float	R		40909
V_L2N_H_21	Star Voltage L2-N Harmonic #21	float	R		40911
V_L2N_H_22	Star Voltage L2-N Harmonic #22	float	R		40913
V_L2N_H_23	Star Voltage L2-N Harmonic #23	float	R		40915
V_L2N_H_24	Star Voltage L2-N Harmonic #24	float	R		40917
V_L2N_H_25	Star Voltage L2-N Harmonic #25	float	R		40919
V_L2N_H_26	Star Voltage L2-N Harmonic #26	float	R		40921
V_L2N_H_27	Star Voltage L2-N Harmonic #27	float	R		40923
V_L2N_H_28	Star Voltage L2-N Harmonic #28	float	R		40925
V_L2N_H_29	Star Voltage L2-N Harmonic #29	float	R		40927
V_L2N_H_30	Star Voltage L2-N Harmonic #30	float	R		40929
V_L2N_H_31	Star Voltage L2-N Harmonic #31	float	R		40931
V_L2N_H_32	Star Voltage L2-N Harmonic #32	float	R		40933
V_L2N_H_33	Star Voltage L2-N Harmonic #33	float	R		40935
V_L2N_H_34	Star Voltage L2-N Harmonic #34	float	R		40937
V_L2N_H_35	Star Voltage L2-N Harmonic #35	float	R		40939
V_L2N_H_36	Star Voltage L2-N Harmonic #36	float	R		40941

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L2N_H_37	Star Voltage L2-N Harmonic #37	float	R		40943
V_L2N_H_38	Star Voltage L2-N Harmonic #38	float	R		40945
V_L2N_H_39	Star Voltage L2-N Harmonic #39	float	R		40947
V_L2N_H_40	Star Voltage L2-N Harmonic #40	float	R		40949
V_L2N_H_41	Star Voltage L2-N Harmonic #41	float	R		40951
V_L2N_H_42	Star Voltage L2-N Harmonic #42	float	R		40953
V_L2N_H_43	Star Voltage L2-N Harmonic #43	float	R		40955
V_L2N_H_44	Star Voltage L2-N Harmonic #44	float	R		40957
V_L2N_H_45	Star Voltage L2-N Harmonic #45	float	R		40959
V_L2N_H_46	Star Voltage L2-N Harmonic #46	float	R		40961
V_L2N_H_47	Star Voltage L2-N Harmonic #47	float	R		40963
V_L2N_H_48	Star Voltage L2-N Harmonic #48	float	R		40965
V_L2N_H_49	Star Voltage L2-N Harmonic #49	float	R		40967
V_L2N_H_50	Star Voltage L2-N Harmonic #50	float	R		40969
V_L2N_H_51	Star Voltage L2-N Harmonic #51	float	R		40971
V_L2N_H_52	Star Voltage L2-N Harmonic #52	float	R		40973
V_L2N_H_53	Star Voltage L2-N Harmonic #53	float	R		40975
V_L2N_H_54	Star Voltage L2-N Harmonic #54	float	R		40977
V_L2N_H_55	Star Voltage L2-N Harmonic #55	float	R		40979
V_L2N_H_56	Star Voltage L2-N Harmonic #56	float	R		40981
V_L2N_H_57	Star Voltage L2-N Harmonic #57	float	R		40983
V_L2N_H_58	Star Voltage L2-N Harmonic #58	float	R		40985
V_L2N_H_59	Star Voltage L2-N Harmonic #59	float	R		40987
V_L2N_H_60	Star Voltage L2-N Harmonic #60	float	R		40989
V_L2N_H_61	Star Voltage L2-N Harmonic #61	float	R		40991
V_L2N_H_62	Star Voltage L2-N Harmonic #62	float	R		40993
V_L2N_H_63	Star Voltage L2-N Harmonic #63	float	R		40995
V_L3N_H_0	Star Voltage L3-N Harmonic #0	float	R		40997
V_L3N_H_1	Star Voltage L3-N Harmonic #1	float	R		40999
V_L3N_H_2	Star Voltage L3-N Harmonic #2	float	R		41001
V_L3N_H_3	Star Voltage L3-N Harmonic #3	float	R		41003
V_L3N_H_4	Star Voltage L3-N Harmonic #4	float	R		41005
V_L3N_H_5	Star Voltage L3-N Harmonic #5	float	R		41007
V_L3N_H_6	Star Voltage L3-N Harmonic #6	float	R		41009
V_L3N_H_7	Star Voltage L3-N Harmonic #7	float	R		41011
V_L3N_H_8	Star Voltage L3-N Harmonic #8	float	R		41013
V_L3N_H_9	Star Voltage L3-N Harmonic #9	float	R		41015
V_L3N_H_10	Star Voltage L3-N Harmonic #10	float	R		41017
V_L3N_H_11	Star Voltage L3-N Harmonic #11	float	R		41019
V_L3N_H_12	Star Voltage L3-N Harmonic #12	float	R		41021
V_L3N_H_13	Star Voltage L3-N Harmonic #13	float	R		41023
V_L3N_H_14	Star Voltage L3-N Harmonic #14	float	R		41025
V_L3N_H_15	Star Voltage L3-N Harmonic #15	float	R		41027
V_L3N_H_16	Star Voltage L3-N Harmonic #16	float	R		41029
V_L3N_H_17	Star Voltage L3-N Harmonic #17	float	R		41031
V_L3N_H_18	Star Voltage L3-N Harmonic #18	float	R		41033
V_L3N_H_19	Star Voltage L3-N Harmonic #19	float	R		41035
V_L3N_H_20	Star Voltage L3-N Harmonic #20	float	R		41037
V_L3N_H_21	Star Voltage L3-N Harmonic #21	float	R		41039
V_L3N_H_22	Star Voltage L3-N Harmonic #22	float	R		41041
V_L3N_H_23	Star Voltage L3-N Harmonic #23	float	R		41043
V_L3N_H_24	Star Voltage L3-N Harmonic #24	float	R		41045
V_L3N_H_25	Star Voltage L3-N Harmonic #25	float	R		41047
V_L3N_H_26	Star Voltage L3-N Harmonic #26	float	R		41049
V_L3N_H_27	Star Voltage L3-N Harmonic #27	float	R		41051
V_L3N_H_28	Star Voltage L3-N Harmonic #28	float	R		41053
V_L3N_H_29	Star Voltage L3-N Harmonic #29	float	R		41055
V_L3N_H_30	Star Voltage L3-N Harmonic #30	float	R		41057
V_L3N_H_31	Star Voltage L3-N Harmonic #31	float	R		41059
V_L3N_H_32	Star Voltage L3-N Harmonic #32	float	R		41061
V_L3N_H_33	Star Voltage L3-N Harmonic #33	float	R		41063
V_L3N_H_34	Star Voltage L3-N Harmonic #34	float	R		41065
V_L3N_H_35	Star Voltage L3-N Harmonic #35	float	R		41067
V_L3N_H_36	Star Voltage L3-N Harmonic #36	float	R		41069
V_L3N_H_37	Star Voltage L3-N Harmonic #37	float	R		41071
V_L3N_H_38	Star Voltage L3-N Harmonic #38	float	R		41073
V_L3N_H_39	Star Voltage L3-N Harmonic #39	float	R		41075
V_L3N_H_40	Star Voltage L3-N Harmonic #40	float	R		41077
V_L3N_H_41	Star Voltage L3-N Harmonic #41	float	R		41079
V_L3N_H_42	Star Voltage L3-N Harmonic #42	float	R		41081
V_L3N_H_43	Star Voltage L3-N Harmonic #43	float	R		41083
V_L3N_H_44	Star Voltage L3-N Harmonic #44	float	R		41085
V_L3N_H_45	Star Voltage L3-N Harmonic #45	float	R		41087
V_L3N_H_46	Star Voltage L3-N Harmonic #46	float	R		41089
V_L3N_H_47	Star Voltage L3-N Harmonic #47	float	R		41091
V_L3N_H_48	Star Voltage L3-N Harmonic #48	float	R		41093
V_L3N_H_49	Star Voltage L3-N Harmonic #49	float	R		41095
V_L3N_H_50	Star Voltage L3-N Harmonic #50	float	R		41097
V_L3N_H_51	Star Voltage L3-N Harmonic #51	float	R		41099
V_L3N_H_52	Star Voltage L3-N Harmonic #52	float	R		41101
V_L3N_H_53	Star Voltage L3-N Harmonic #53	float	R		41103
V_L3N_H_54	Star Voltage L3-N Harmonic #54	float	R		41105
V_L3N_H_55	Star Voltage L3-N Harmonic #55	float	R		41107
V_L3N_H_56	Star Voltage L3-N Harmonic #56	float	R		41109
V_L3N_H_57	Star Voltage L3-N Harmonic #57	float	R		41111
V_L3N_H_58	Star Voltage L3-N Harmonic #58	float	R		41113
V_L3N_H_59	Star Voltage L3-N Harmonic #59	float	R		41115
V_L3N_H_60	Star Voltage L3-N Harmonic #60	float	R		41117
V_L3N_H_61	Star Voltage L3-N Harmonic #61	float	R		41119
V_L3N_H_62	Star Voltage L3-N Harmonic #62	float	R		41121
V_L3N_H_63	Star Voltage L3-N Harmonic #63	float	R		41123
V_L12_H_0	Line Voltage L1-L2 Harmonic #0	float	R		41125
V_L12_H_1	Line Voltage L1-L2 Harmonic #1	float	R		41127
V_L12_H_2	Line Voltage L1-L2 Harmonic #2	float	R		41129
V_L12_H_3	Line Voltage L1-L2 Harmonic #3	float	R		41131
V_L12_H_4	Line Voltage L1-L2 Harmonic #4	float	R		41133
V_L12_H_5	Line Voltage L1-L2 Harmonic #5	float	R		41135
V_L12_H_6	Line Voltage L1-L2 Harmonic #6	float	R		41137
V_L12_H_7	Line Voltage L1-L2 Harmonic #7	float	R		41139
V_L12_H_8	Line Voltage L1-L2 Harmonic #8	float	R		41141
V_L12_H_9	Line Voltage L1-L2 Harmonic #9	float	R		41143
V_L12_H_10	Line Voltage L1-L2 Harmonic #10	float	R		41145
V_L12_H_11	Line Voltage L1-L2 Harmonic #11	float	R		41147
V_L12_H_12	Line Voltage L1-L2 Harmonic #12	float	R		41149
V_L12_H_13	Line Voltage L1-L2 Harmonic #13	float	R		41151
V_L12_H_14	Line Voltage L1-L2 Harmonic #14	float	R		41153
V_L12_H_15	Line Voltage L1-L2 Harmonic #15	float	R		41155
V_L12_H_16	Line Voltage L1-L2 Harmonic #16	float	R		41157
V_L12_H_17	Line Voltage L1-L2 Harmonic #17	float	R		41159
V_L12_H_18	Line Voltage L1-L2 Harmonic #18	float	R		41161
V_L12_H_19	Line Voltage L1-L2 Harmonic #19	float	R		41163

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L12_H_20	Line Voltage L1-L2 Harmonic #20	float	R		41165
V_L12_H_21	Line Voltage L1-L2 Harmonic #21	float	R		41167
V_L12_H_22	Line Voltage L1-L2 Harmonic #22	float	R		41169
V_L12_H_23	Line Voltage L1-L2 Harmonic #23	float	R		41171
V_L12_H_24	Line Voltage L1-L2 Harmonic #24	float	R		41173
V_L12_H_25	Line Voltage L1-L2 Harmonic #25	float	R		41175
V_L12_H_26	Line Voltage L1-L2 Harmonic #26	float	R		41177
V_L12_H_27	Line Voltage L1-L2 Harmonic #27	float	R		41179
V_L12_H_28	Line Voltage L1-L2 Harmonic #28	float	R		41181
V_L12_H_29	Line Voltage L1-L2 Harmonic #29	float	R		41183
V_L12_H_30	Line Voltage L1-L2 Harmonic #30	float	R		41185
V_L12_H_31	Line Voltage L1-L2 Harmonic #31	float	R		41187
V_L12_H_32	Line Voltage L1-L2 Harmonic #32	float	R		41189
V_L12_H_33	Line Voltage L1-L2 Harmonic #33	float	R		41191
V_L12_H_34	Line Voltage L1-L2 Harmonic #34	float	R		41193
V_L12_H_35	Line Voltage L1-L2 Harmonic #35	float	R		41195
V_L12_H_36	Line Voltage L1-L2 Harmonic #36	float	R		41197
V_L12_H_37	Line Voltage L1-L2 Harmonic #37	float	R		41199
V_L12_H_38	Line Voltage L1-L2 Harmonic #38	float	R		41201
V_L12_H_39	Line Voltage L1-L2 Harmonic #39	float	R		41203
V_L12_H_40	Line Voltage L1-L2 Harmonic #40	float	R		41205
V_L12_H_41	Line Voltage L1-L2 Harmonic #41	float	R		41207
V_L12_H_42	Line Voltage L1-L2 Harmonic #42	float	R		41209
V_L12_H_43	Line Voltage L1-L2 Harmonic #43	float	R		41211
V_L12_H_44	Line Voltage L1-L2 Harmonic #44	float	R		41213
V_L12_H_45	Line Voltage L1-L2 Harmonic #45	float	R		41215
V_L12_H_46	Line Voltage L1-L2 Harmonic #46	float	R		41217
V_L12_H_47	Line Voltage L1-L2 Harmonic #47	float	R		41219
V_L12_H_48	Line Voltage L1-L2 Harmonic #48	float	R		41221
V_L12_H_49	Line Voltage L1-L2 Harmonic #49	float	R		41223
V_L12_H_50	Line Voltage L1-L2 Harmonic #50	float	R		41225
V_L12_H_51	Line Voltage L1-L2 Harmonic #51	float	R		41227
V_L12_H_52	Line Voltage L1-L2 Harmonic #52	float	R		41229
V_L12_H_53	Line Voltage L1-L2 Harmonic #53	float	R		41231
V_L12_H_54	Line Voltage L1-L2 Harmonic #54	float	R		41233
V_L12_H_55	Line Voltage L1-L2 Harmonic #55	float	R		41235
V_L12_H_56	Line Voltage L1-L2 Harmonic #56	float	R		41237
V_L12_H_57	Line Voltage L1-L2 Harmonic #57	float	R		41239
V_L12_H_58	Line Voltage L1-L2 Harmonic #58	float	R		41241
V_L12_H_59	Line Voltage L1-L2 Harmonic #59	float	R		41243
V_L12_H_60	Line Voltage L1-L2 Harmonic #60	float	R		41245
V_L12_H_61	Line Voltage L1-L2 Harmonic #61	float	R		41247
V_L12_H_62	Line Voltage L1-L2 Harmonic #62	float	R		41249
V_L12_H_63	Line Voltage L1-L2 Harmonic #63	float	R		41251
V_L23_H_0	Line Voltage L2-L3 Harmonic #0	float	R		41253
V_L23_H_1	Line Voltage L2-L3 Harmonic #1	float	R		41255
V_L23_H_2	Line Voltage L2-L3 Harmonic #2	float	R		41257
V_L23_H_3	Line Voltage L2-L3 Harmonic #3	float	R		41259
V_L23_H_4	Line Voltage L2-L3 Harmonic #4	float	R		41261
V_L23_H_5	Line Voltage L2-L3 Harmonic #5	float	R		41263
V_L23_H_6	Line Voltage L2-L3 Harmonic #6	float	R		41265
V_L23_H_7	Line Voltage L2-L3 Harmonic #7	float	R		41267
V_L23_H_8	Line Voltage L2-L3 Harmonic #8	float	R		41269
V_L23_H_9	Line Voltage L2-L3 Harmonic #9	float	R		41271
V_L23_H_10	Line Voltage L2-L3 Harmonic #10	float	R		41273
V_L23_H_11	Line Voltage L2-L3 Harmonic #11	float	R		41275
V_L23_H_12	Line Voltage L2-L3 Harmonic #12	float	R		41277
V_L23_H_13	Line Voltage L2-L3 Harmonic #13	float	R		41279
V_L23_H_14	Line Voltage L2-L3 Harmonic #14	float	R		41281
V_L23_H_15	Line Voltage L2-L3 Harmonic #15	float	R		41283
V_L23_H_16	Line Voltage L2-L3 Harmonic #16	float	R		41285
V_L23_H_17	Line Voltage L2-L3 Harmonic #17	float	R		41287
V_L23_H_18	Line Voltage L2-L3 Harmonic #18	float	R		41289
V_L23_H_19	Line Voltage L2-L3 Harmonic #19	float	R		41291
V_L23_H_20	Line Voltage L2-L3 Harmonic #20	float	R		41293
V_L23_H_21	Line Voltage L2-L3 Harmonic #21	float	R		41295
V_L23_H_22	Line Voltage L2-L3 Harmonic #22	float	R		41297
V_L23_H_23	Line Voltage L2-L3 Harmonic #23	float	R		41299
V_L23_H_24	Line Voltage L2-L3 Harmonic #24	float	R		41301
V_L23_H_25	Line Voltage L2-L3 Harmonic #25	float	R		41303
V_L23_H_26	Line Voltage L2-L3 Harmonic #26	float	R		41305
V_L23_H_27	Line Voltage L2-L3 Harmonic #27	float	R		41307
V_L23_H_28	Line Voltage L2-L3 Harmonic #28	float	R		41309
V_L23_H_29	Line Voltage L2-L3 Harmonic #29	float	R		41311
V_L23_H_30	Line Voltage L2-L3 Harmonic #30	float	R		41313
V_L23_H_31	Line Voltage L2-L3 Harmonic #31	float	R		41315
V_L23_H_32	Line Voltage L2-L3 Harmonic #32	float	R		41317
V_L23_H_33	Line Voltage L2-L3 Harmonic #33	float	R		41319
V_L23_H_34	Line Voltage L2-L3 Harmonic #34	float	R		41321
V_L23_H_35	Line Voltage L2-L3 Harmonic #35	float	R		41323
V_L23_H_36	Line Voltage L2-L3 Harmonic #36	float	R		41325
V_L23_H_37	Line Voltage L2-L3 Harmonic #37	float	R		41327
V_L23_H_38	Line Voltage L2-L3 Harmonic #38	float	R		41329
V_L23_H_39	Line Voltage L2-L3 Harmonic #39	float	R		41331
V_L23_H_40	Line Voltage L2-L3 Harmonic #40	float	R		41333
V_L23_H_41	Line Voltage L2-L3 Harmonic #41	float	R		41335
V_L23_H_42	Line Voltage L2-L3 Harmonic #42	float	R		41337
V_L23_H_43	Line Voltage L2-L3 Harmonic #43	float	R		41339
V_L23_H_44	Line Voltage L2-L3 Harmonic #44	float	R		41341
V_L23_H_45	Line Voltage L2-L3 Harmonic #45	float	R		41343
V_L23_H_46	Line Voltage L2-L3 Harmonic #46	float	R		41345
V_L23_H_47	Line Voltage L2-L3 Harmonic #47	float	R		41347
V_L23_H_48	Line Voltage L2-L3 Harmonic #48	float	R		41349
V_L23_H_49	Line Voltage L2-L3 Harmonic #49	float	R		41351
V_L23_H_50	Line Voltage L2-L3 Harmonic #50	float	R		41353
V_L23_H_51	Line Voltage L2-L3 Harmonic #51	float	R		41355
V_L23_H_52	Line Voltage L2-L3 Harmonic #52	float	R		41357
V_L23_H_53	Line Voltage L2-L3 Harmonic #53	float	R		41359
V_L23_H_54	Line Voltage L2-L3 Harmonic #54	float	R		41361
V_L23_H_55	Line Voltage L2-L3 Harmonic #55	float	R		41363
V_L23_H_56	Line Voltage L2-L3 Harmonic #56	float	R		41365
V_L23_H_57	Line Voltage L2-L3 Harmonic #57	float	R		41367
V_L23_H_58	Line Voltage L2-L3 Harmonic #58	float	R		41369
V_L23_H_59	Line Voltage L2-L3 Harmonic #59	float	R		41371
V_L23_H_60	Line Voltage L2-L3 Harmonic #60	float	R		41373
V_L23_H_61	Line Voltage L2-L3 Harmonic #61	float	R		41375
V_L23_H_62	Line Voltage L2-L3 Harmonic #62	float	R		41377
V_L23_H_63	Line Voltage L2-L3 Harmonic #63	float	R		41379
V_L31_H_0	Line Voltage L3-L1 Harmonic #0	float	R		41381
V_L31_H_1	Line Voltage L3-L1 Harmonic #1	float	R		41383
V_L31_H_2	Line Voltage L3-L1 Harmonic #2	float	R		41385

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L31_H_3	Line Voltage L3-L1 Harmonic #3	float	R		41387
V_L31_H_4	Line Voltage L3-L1 Harmonic #4	float	R		41389
V_L31_H_5	Line Voltage L3-L1 Harmonic #5	float	R		41391
V_L31_H_6	Line Voltage L3-L1 Harmonic #6	float	R		41393
V_L31_H_7	Line Voltage L3-L1 Harmonic #7	float	R		41395
V_L31_H_8	Line Voltage L3-L1 Harmonic #8	float	R		41397
V_L31_H_9	Line Voltage L3-L1 Harmonic #9	float	R		41399
V_L31_H_10	Line Voltage L3-L1 Harmonic #10	float	R		41401
V_L31_H_11	Line Voltage L3-L1 Harmonic #11	float	R		41403
V_L31_H_12	Line Voltage L3-L1 Harmonic #12	float	R		41405
V_L31_H_13	Line Voltage L3-L1 Harmonic #13	float	R		41407
V_L31_H_14	Line Voltage L3-L1 Harmonic #14	float	R		41409
V_L31_H_15	Line Voltage L3-L1 Harmonic #15	float	R		41411
V_L31_H_16	Line Voltage L3-L1 Harmonic #16	float	R		41413
V_L31_H_17	Line Voltage L3-L1 Harmonic #17	float	R		41415
V_L31_H_18	Line Voltage L3-L1 Harmonic #18	float	R		41417
V_L31_H_19	Line Voltage L3-L1 Harmonic #19	float	R		41419
V_L31_H_20	Line Voltage L3-L1 Harmonic #20	float	R		41421
V_L31_H_21	Line Voltage L3-L1 Harmonic #21	float	R		41423
V_L31_H_22	Line Voltage L3-L1 Harmonic #22	float	R		41425
V_L31_H_23	Line Voltage L3-L1 Harmonic #23	float	R		41427
V_L31_H_24	Line Voltage L3-L1 Harmonic #24	float	R		41429
V_L31_H_25	Line Voltage L3-L1 Harmonic #25	float	R		41431
V_L31_H_26	Line Voltage L3-L1 Harmonic #26	float	R		41433
V_L31_H_27	Line Voltage L3-L1 Harmonic #27	float	R		41435
V_L31_H_28	Line Voltage L3-L1 Harmonic #28	float	R		41437
V_L31_H_29	Line Voltage L3-L1 Harmonic #29	float	R		41439
V_L31_H_30	Line Voltage L3-L1 Harmonic #30	float	R		41441
V_L31_H_31	Line Voltage L3-L1 Harmonic #31	float	R		41443
V_L31_H_32	Line Voltage L3-L1 Harmonic #32	float	R		41445
V_L31_H_33	Line Voltage L3-L1 Harmonic #33	float	R		41447
V_L31_H_34	Line Voltage L3-L1 Harmonic #34	float	R		41449
V_L31_H_35	Line Voltage L3-L1 Harmonic #35	float	R		41451
V_L31_H_36	Line Voltage L3-L1 Harmonic #36	float	R		41453
V_L31_H_37	Line Voltage L3-L1 Harmonic #37	float	R		41455
V_L31_H_38	Line Voltage L3-L1 Harmonic #38	float	R		41457
V_L31_H_39	Line Voltage L3-L1 Harmonic #39	float	R		41459
V_L31_H_40	Line Voltage L3-L1 Harmonic #40	float	R		41461
V_L31_H_41	Line Voltage L3-L1 Harmonic #41	float	R		41463
V_L31_H_42	Line Voltage L3-L1 Harmonic #42	float	R		41465
V_L31_H_43	Line Voltage L3-L1 Harmonic #43	float	R		41467
V_L31_H_44	Line Voltage L3-L1 Harmonic #44	float	R		41469
V_L31_H_45	Line Voltage L3-L1 Harmonic #45	float	R		41471
V_L31_H_46	Line Voltage L3-L1 Harmonic #46	float	R		41473
V_L31_H_47	Line Voltage L3-L1 Harmonic #47	float	R		41475
V_L31_H_48	Line Voltage L3-L1 Harmonic #48	float	R		41477
V_L31_H_49	Line Voltage L3-L1 Harmonic #49	float	R		41479
V_L31_H_50	Line Voltage L3-L1 Harmonic #50	float	R		41481
V_L31_H_51	Line Voltage L3-L1 Harmonic #51	float	R		41483
V_L31_H_52	Line Voltage L3-L1 Harmonic #52	float	R		41485
V_L31_H_53	Line Voltage L3-L1 Harmonic #53	float	R		41487
V_L31_H_54	Line Voltage L3-L1 Harmonic #54	float	R		41489
V_L31_H_55	Line Voltage L3-L1 Harmonic #55	float	R		41491
V_L31_H_56	Line Voltage L3-L1 Harmonic #56	float	R		41493
V_L31_H_57	Line Voltage L3-L1 Harmonic #57	float	R		41495
V_L31_H_58	Line Voltage L3-L1 Harmonic #58	float	R		41497
V_L31_H_59	Line Voltage L3-L1 Harmonic #59	float	R		41499
V_L31_H_60	Line Voltage L3-L1 Harmonic #60	float	R		41501
V_L31_H_61	Line Voltage L3-L1 Harmonic #61	float	R		41503
V_L31_H_62	Line Voltage L3-L1 Harmonic #62	float	R		41505
V_L31_H_63	Line Voltage L3-L1 Harmonic #63	float	R		41507
I_L1_H_0	Line Current L1 Harmonic #0	float	R		41509
I_L1_H_1	Line Current L1 Harmonic #1	float	R		41511
I_L1_H_2	Line Current L1 Harmonic #2	float	R		41513
I_L1_H_3	Line Current L1 Harmonic #3	float	R		41515
I_L1_H_4	Line Current L1 Harmonic #4	float	R		41517
I_L1_H_5	Line Current L1 Harmonic #5	float	R		41519
I_L1_H_6	Line Current L1 Harmonic #6	float	R		41521
I_L1_H_7	Line Current L1 Harmonic #7	float	R		41523
I_L1_H_8	Line Current L1 Harmonic #8	float	R		41525
I_L1_H_9	Line Current L1 Harmonic #9	float	R		41527
I_L1_H_10	Line Current L1 Harmonic #10	float	R		41529
I_L1_H_11	Line Current L1 Harmonic #11	float	R		41531
I_L1_H_12	Line Current L1 Harmonic #12	float	R		41533
I_L1_H_13	Line Current L1 Harmonic #13	float	R		41535
I_L1_H_14	Line Current L1 Harmonic #14	float	R		41537
I_L1_H_15	Line Current L1 Harmonic #15	float	R		41539
I_L1_H_16	Line Current L1 Harmonic #16	float	R		41541
I_L1_H_17	Line Current L1 Harmonic #17	float	R		41543
I_L1_H_18	Line Current L1 Harmonic #18	float	R		41545
I_L1_H_19	Line Current L1 Harmonic #19	float	R		41547
I_L1_H_20	Line Current L1 Harmonic #20	float	R		41549
I_L1_H_21	Line Current L1 Harmonic #21	float	R		41551
I_L1_H_22	Line Current L1 Harmonic #22	float	R		41553
I_L1_H_23	Line Current L1 Harmonic #23	float	R		41555
I_L1_H_24	Line Current L1 Harmonic #24	float	R		41557
I_L1_H_25	Line Current L1 Harmonic #25	float	R		41559
I_L1_H_26	Line Current L1 Harmonic #26	float	R		41561
I_L1_H_27	Line Current L1 Harmonic #27	float	R		41563
I_L1_H_28	Line Current L1 Harmonic #28	float	R		41565
I_L1_H_29	Line Current L1 Harmonic #29	float	R		41567
I_L1_H_30	Line Current L1 Harmonic #30	float	R		41569
I_L1_H_31	Line Current L1 Harmonic #31	float	R		41571
I_L1_H_32	Line Current L1 Harmonic #32	float	R		41573
I_L1_H_33	Line Current L1 Harmonic #33	float	R		41575
I_L1_H_34	Line Current L1 Harmonic #34	float	R		41577
I_L1_H_35	Line Current L1 Harmonic #35	float	R		41579
I_L1_H_36	Line Current L1 Harmonic #36	float	R		41581
I_L1_H_37	Line Current L1 Harmonic #37	float	R		41583
I_L1_H_38	Line Current L1 Harmonic #38	float	R		41585
I_L1_H_39	Line Current L1 Harmonic #39	float	R		41587
I_L1_H_40	Line Current L1 Harmonic #40	float	R		41589
I_L1_H_41	Line Current L1 Harmonic #41	float	R		41591
I_L1_H_42	Line Current L1 Harmonic #42	float	R		41593
I_L1_H_43	Line Current L1 Harmonic #43	float	R		41595
I_L1_H_44	Line Current L1 Harmonic #44	float	R		41597
I_L1_H_45	Line Current L1 Harmonic #45	float	R		41599
I_L1_H_46	Line Current L1 Harmonic #46	float	R		41601
I_L1_H_47	Line Current L1 Harmonic #47	float	R		41603
I_L1_H_48	Line Current L1 Harmonic #48	float	R		41605
I_L1_H_49	Line Current L1 Harmonic #49	float	R		41607

| All Versions |
| Only in Plus and Professional Versions |
| Only in Professional Version |

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L1_H_50	Line Current L1 Harmonic #50	float	R		41609
I_L1_H_51	Line Current L1 Harmonic #51	float	R		41611
I_L1_H_52	Line Current L1 Harmonic #52	float	R		41613
I_L1_H_53	Line Current L1 Harmonic #53	float	R		41615
I_L1_H_54	Line Current L1 Harmonic #54	float	R		41617
I_L1_H_55	Line Current L1 Harmonic #55	float	R		41619
I_L1_H_56	Line Current L1 Harmonic #56	float	R		41621
I_L1_H_57	Line Current L1 Harmonic #57	float	R		41623
I_L1_H_58	Line Current L1 Harmonic #58	float	R		41625
I_L1_H_59	Line Current L1 Harmonic #59	float	R		41627
I_L1_H_60	Line Current L1 Harmonic #60	float	R		41629
I_L1_H_61	Line Current L1 Harmonic #61	float	R		41631
I_L1_H_62	Line Current L1 Harmonic #62	float	R		41633
I_L1_H_63	Line Current L1 Harmonic #63	float	R		41635
I_L2_H_0	Line Current L2 Harmonic #0	float	R		41637
I_L2_H_1	Line Current L2 Harmonic #1	float	R		41639
I_L2_H_2	Line Current L2 Harmonic #2	float	R		41641
I_L2_H_3	Line Current L2 Harmonic #3	float	R		41643
I_L2_H_4	Line Current L2 Harmonic #4	float	R		41645
I_L2_H_5	Line Current L2 Harmonic #5	float	R		41647
I_L2_H_6	Line Current L2 Harmonic #6	float	R		41649
I_L2_H_7	Line Current L2 Harmonic #7	float	R		41651
I_L2_H_8	Line Current L2 Harmonic #8	float	R		41653
I_L2_H_9	Line Current L2 Harmonic #9	float	R		41655
I_L2_H_10	Line Current L2 Harmonic #10	float	R		41657
I_L2_H_11	Line Current L2 Harmonic #11	float	R		41659
I_L2_H_12	Line Current L2 Harmonic #12	float	R		41661
I_L2_H_13	Line Current L2 Harmonic #13	float	R		41663
I_L2_H_14	Line Current L2 Harmonic #14	float	R		41665
I_L2_H_15	Line Current L2 Harmonic #15	float	R		41667
I_L2_H_16	Line Current L2 Harmonic #16	float	R		41669
I_L2_H_17	Line Current L2 Harmonic #17	float	R		41671
I_L2_H_18	Line Current L2 Harmonic #18	float	R		41673
I_L2_H_19	Line Current L2 Harmonic #19	float	R		41675
I_L2_H_20	Line Current L2 Harmonic #20	float	R		41677
I_L2_H_21	Line Current L2 Harmonic #21	float	R		41679
I_L2_H_22	Line Current L2 Harmonic #22	float	R		41681
I_L2_H_23	Line Current L2 Harmonic #23	float	R		41683
I_L2_H_24	Line Current L2 Harmonic #24	float	R		41685
I_L2_H_25	Line Current L2 Harmonic #25	float	R		41687
I_L2_H_26	Line Current L2 Harmonic #26	float	R		41689
I_L2_H_27	Line Current L2 Harmonic #27	float	R		41691
I_L2_H_28	Line Current L2 Harmonic #28	float	R		41693
I_L2_H_29	Line Current L2 Harmonic #29	float	R		41695
I_L2_H_30	Line Current L2 Harmonic #30	float	R		41697
I_L2_H_31	Line Current L2 Harmonic #31	float	R		41699
I_L2_H_32	Line Current L2 Harmonic #32	float	R		41701
I_L2_H_33	Line Current L2 Harmonic #33	float	R		41703
I_L2_H_34	Line Current L2 Harmonic #34	float	R		41705
I_L2_H_35	Line Current L2 Harmonic #35	float	R		41707
I_L2_H_36	Line Current L2 Harmonic #36	float	R		41709
I_L2_H_37	Line Current L2 Harmonic #37	float	R		41711
I_L2_H_38	Line Current L2 Harmonic #38	float	R		41713
I_L2_H_39	Line Current L2 Harmonic #39	float	R		41715
I_L2_H_40	Line Current L2 Harmonic #40	float	R		41717
I_L2_H_41	Line Current L2 Harmonic #41	float	R		41719
I_L2_H_42	Line Current L2 Harmonic #42	float	R		41721
I_L2_H_43	Line Current L2 Harmonic #43	float	R		41723
I_L2_H_44	Line Current L2 Harmonic #44	float	R		41725
I_L2_H_45	Line Current L2 Harmonic #45	float	R		41727
I_L2_H_46	Line Current L2 Harmonic #46	float	R		41729
I_L2_H_47	Line Current L2 Harmonic #47	float	R		41731
I_L2_H_48	Line Current L2 Harmonic #48	float	R		41733
I_L2_H_49	Line Current L2 Harmonic #49	float	R		41735
I_L2_H_50	Line Current L2 Harmonic #50	float	R		41737
I_L2_H_51	Line Current L2 Harmonic #51	float	R		41739
I_L2_H_52	Line Current L2 Harmonic #52	float	R		41741
I_L2_H_53	Line Current L2 Harmonic #53	float	R		41743
I_L2_H_54	Line Current L2 Harmonic #54	float	R		41745
I_L2_H_55	Line Current L2 Harmonic #55	float	R		41747
I_L2_H_56	Line Current L2 Harmonic #56	float	R		41749
I_L2_H_57	Line Current L2 Harmonic #57	float	R		41751
I_L2_H_58	Line Current L2 Harmonic #58	float	R		41753
I_L2_H_59	Line Current L2 Harmonic #59	float	R		41755
I_L2_H_60	Line Current L2 Harmonic #60	float	R		41757
I_L2_H_61	Line Current L2 Harmonic #61	float	R		41759
I_L2_H_62	Line Current L2 Harmonic #62	float	R		41761
I_L2_H_63	Line Current L2 Harmonic #63	float	R		41763
I_L3_H_0	Line Current L3 Harmonic #0	float	R		41765
I_L3_H_1	Line Current L3 Harmonic #1	float	R		41767
I_L3_H_2	Line Current L3 Harmonic #2	float	R		41769
I_L3_H_3	Line Current L3 Harmonic #3	float	R		41771
I_L3_H_4	Line Current L3 Harmonic #4	float	R		41773
I_L3_H_5	Line Current L3 Harmonic #5	float	R		41775
I_L3_H_6	Line Current L3 Harmonic #6	float	R		41777
I_L3_H_7	Line Current L3 Harmonic #7	float	R		41779
I_L3_H_8	Line Current L3 Harmonic #8	float	R		41781
I_L3_H_9	Line Current L3 Harmonic #9	float	R		41783
I_L3_H_10	Line Current L3 Harmonic #10	float	R		41785
I_L3_H_11	Line Current L3 Harmonic #11	float	R		41787
I_L3_H_12	Line Current L3 Harmonic #12	float	R		41789
I_L3_H_13	Line Current L3 Harmonic #13	float	R		41791
I_L3_H_14	Line Current L3 Harmonic #14	float	R		41793
I_L3_H_15	Line Current L3 Harmonic #15	float	R		41795
I_L3_H_16	Line Current L3 Harmonic #16	float	R		41797
I_L3_H_17	Line Current L3 Harmonic #17	float	R		41799
I_L3_H_18	Line Current L3 Harmonic #18	float	R		41801
I_L3_H_19	Line Current L3 Harmonic #19	float	R		41803
I_L3_H_20	Line Current L3 Harmonic #20	float	R		41805
I_L3_H_21	Line Current L3 Harmonic #21	float	R		41807
I_L3_H_22	Line Current L3 Harmonic #22	float	R		41809
I_L3_H_23	Line Current L3 Harmonic #23	float	R		41811
I_L3_H_24	Line Current L3 Harmonic #24	float	R		41813
I_L3_H_25	Line Current L3 Harmonic #25	float	R		41815
I_L3_H_26	Line Current L3 Harmonic #26	float	R		41817
I_L3_H_27	Line Current L3 Harmonic #27	float	R		41819
I_L3_H_28	Line Current L3 Harmonic #28	float	R		41821
I_L3_H_29	Line Current L3 Harmonic #29	float	R		41823
I_L3_H_30	Line Current L3 Harmonic #30	float	R		41825
I_L3_H_31	Line Current L3 Harmonic #31	float	R		41827
I_L3_H_32	Line Current L3 Harmonic #32	float	R		41829

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L3_H_33	Line Current L3 Harmonic #33	float	R		41831
I_L3_H_34	Line Current L3 Harmonic #34	float	R		41833
I_L3_H_35	Line Current L3 Harmonic #35	float	R		41835
I_L3_H_36	Line Current L3 Harmonic #36	float	R		41837
I_L3_H_37	Line Current L3 Harmonic #37	float	R		41839
I_L3_H_38	Line Current L3 Harmonic #38	float	R		41841
I_L3_H_39	Line Current L3 Harmonic #39	float	R		41843
I_L3_H_40	Line Current L3 Harmonic #40	float	R		41845
I_L3_H_41	Line Current L3 Harmonic #41	float	R		41847
I_L3_H_42	Line Current L3 Harmonic #42	float	R		41849
I_L3_H_43	Line Current L3 Harmonic #43	float	R		41851
I_L3_H_44	Line Current L3 Harmonic #44	float	R		41853
I_L3_H_45	Line Current L3 Harmonic #45	float	R		41855
I_L3_H_46	Line Current L3 Harmonic #46	float	R		41857
I_L3_H_47	Line Current L3 Harmonic #47	float	R		41859
I_L3_H_48	Line Current L3 Harmonic #48	float	R		41861
I_L3_H_49	Line Current L3 Harmonic #49	float	R		41863
I_L3_H_50	Line Current L3 Harmonic #50	float	R		41865
I_L3_H_51	Line Current L3 Harmonic #51	float	R		41867
I_L3_H_52	Line Current L3 Harmonic #52	float	R		41869
I_L3_H_53	Line Current L3 Harmonic #53	float	R		41871
I_L3_H_54	Line Current L3 Harmonic #54	float	R		41873
I_L3_H_55	Line Current L3 Harmonic #55	float	R		41875
I_L3_H_56	Line Current L3 Harmonic #56	float	R		41877
I_L3_H_57	Line Current L3 Harmonic #57	float	R		41879
I_L3_H_58	Line Current L3 Harmonic #58	float	R		41881
I_L3_H_59	Line Current L3 Harmonic #59	float	R		41883
I_L3_H_60	Line Current L3 Harmonic #60	float	R		41885
I_L3_H_61	Line Current L3 Harmonic #61	float	R		41887
I_L3_H_62	Line Current L3 Harmonic #62	float	R		41889
I_L3_H_63	Line Current L3 Harmonic #63	float	R		41891
I_N_H_0	Line Current N Harmonic #0	float	R		41893
I_N_H_1	Line Current N Harmonic #1	float	R		41895
I_N_H_2	Line Current N Harmonic #2	float	R		41897
I_N_H_3	Line Current N Harmonic #3	float	R		41899
I_N_H_4	Line Current N Harmonic #4	float	R		41901
I_N_H_5	Line Current N Harmonic #5	float	R		41903
I_N_H_6	Line Current N Harmonic #6	float	R		41905
I_N_H_7	Line Current N Harmonic #7	float	R		41907
I_N_H_8	Line Current N Harmonic #8	float	R		41909
I_N_H_9	Line Current N Harmonic #9	float	R		41911
I_N_H_10	Line Current N Harmonic #10	float	R		41913
I_N_H_11	Line Current N Harmonic #11	float	R		41915
I_N_H_12	Line Current N Harmonic #12	float	R		41917
I_N_H_13	Line Current N Harmonic #13	float	R		41919
I_N_H_14	Line Current N Harmonic #14	float	R		41921
I_N_H_15	Line Current N Harmonic #15	float	R		41923
I_N_H_16	Line Current N Harmonic #16	float	R		41925
I_N_H_17	Line Current N Harmonic #17	float	R		41927
I_N_H_18	Line Current N Harmonic #18	float	R		41929
I_N_H_19	Line Current N Harmonic #19	float	R		41931
I_N_H_20	Line Current N Harmonic #20	float	R		41933
I_N_H_21	Line Current N Harmonic #21	float	R		41935
I_N_H_22	Line Current N Harmonic #22	float	R		41937
I_N_H_23	Line Current N Harmonic #23	float	R		41939
I_N_H_24	Line Current N Harmonic #24	float	R		41941
I_N_H_25	Line Current N Harmonic #25	float	R		41943
I_N_H_26	Line Current N Harmonic #26	float	R		41945
I_N_H_27	Line Current N Harmonic #27	float	R		41947
I_N_H_28	Line Current N Harmonic #28	float	R		41949
I_N_H_29	Line Current N Harmonic #29	float	R		41951
I_N_H_30	Line Current N Harmonic #30	float	R		41953
I_N_H_31	Line Current N Harmonic #31	float	R		41955
I_N_H_32	Line Current N Harmonic #32	float	R		41957
I_N_H_33	Line Current N Harmonic #33	float	R		41959
I_N_H_34	Line Current N Harmonic #34	float	R		41961
I_N_H_35	Line Current N Harmonic #35	float	R		41963
I_N_H_36	Line Current N Harmonic #36	float	R		41965
I_N_H_37	Line Current N Harmonic #37	float	R		41967
I_N_H_38	Line Current N Harmonic #38	float	R		41969
I_N_H_39	Line Current N Harmonic #39	float	R		41971
I_N_H_40	Line Current N Harmonic #40	float	R		41973
I_N_H_41	Line Current N Harmonic #41	float	R		41975
I_N_H_42	Line Current N Harmonic #42	float	R		41977
I_N_H_43	Line Current N Harmonic #43	float	R		41979
I_N_H_44	Line Current N Harmonic #44	float	R		41981
I_N_H_45	Line Current N Harmonic #45	float	R		41983
I_N_H_46	Line Current N Harmonic #46	float	R		41985
I_N_H_47	Line Current N Harmonic #47	float	R		41987
I_N_H_48	Line Current N Harmonic #48	float	R		41989
I_N_H_49	Line Current N Harmonic #49	float	R		41991
I_N_H_50	Line Current N Harmonic #50	float	R		41993
I_N_H_51	Line Current N Harmonic #51	float	R		41995
I_N_H_52	Line Current N Harmonic #52	float	R		41997
I_N_H_53	Line Current N Harmonic #53	float	R		41999
I_N_H_54	Line Current N Harmonic #54	float	R		42001
I_N_H_55	Line Current N Harmonic #55	float	R		42003
I_N_H_56	Line Current N Harmonic #56	float	R		42005
I_N_H_57	Line Current N Harmonic #57	float	R		42007
I_N_H_58	Line Current N Harmonic #58	float	R		42009
I_N_H_59	Line Current N Harmonic #59	float	R		42011
I_N_H_60	Line Current N Harmonic #60	float	R		42013
I_N_H_61	Line Current N Harmonic #61	float	R		42015
I_N_H_62	Line Current N Harmonic #62	float	R		42017
I_N_H_63	Line Current N Harmonic #63	float	R		42019
V_L1N_IH_0	Star Voltage L1-N InterHarmonic #0	float	R		42021
V_L1N_IH_1	Star Voltage L1-N InterHarmonic #1	float	R		42023
V_L1N_IH_2	Star Voltage L1-N InterHarmonic #2	float	R		42025
V_L1N_IH_3	Star Voltage L1-N InterHarmonic #3	float	R		42027
V_L1N_IH_4	Star Voltage L1-N InterHarmonic #4	float	R		42029
V_L1N_IH_5	Star Voltage L1-N InterHarmonic #5	float	R		42031
V_L1N_IH_6	Star Voltage L1-N InterHarmonic #6	float	R		42033
V_L1N_IH_7	Star Voltage L1-N InterHarmonic #7	float	R		42035
V_L1N_IH_8	Star Voltage L1-N InterHarmonic #8	float	R		42037
V_L1N_IH_9	Star Voltage L1-N InterHarmonic #9	float	R		42039
V_L1N_IH_10	Star Voltage L1-N InterHarmonic #10	float	R		42041
V_L1N_IH_11	Star Voltage L1-N InterHarmonic #11	float	R		42043
V_L1N_IH_12	Star Voltage L1-N InterHarmonic #12	float	R		42045
V_L1N_IH_13	Star Voltage L1-N InterHarmonic #13	float	R		42047
V_L1N_IH_14	Star Voltage L1-N InterHarmonic #14	float	R		42049
V_L1N_IH_15	Star Voltage L1-N InterHarmonic #15	float	R		42051

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L1N_IH_16	Star Voltage L1-N InterHarmonic #16	float	R		42053
V_L1N_IH_17	Star Voltage L1-N InterHarmonic #17	float	R		42055
V_L1N_IH_18	Star Voltage L1-N InterHarmonic #18	float	R		42057
V_L1N_IH_19	Star Voltage L1-N InterHarmonic #19	float	R		42059
V_L1N_IH_20	Star Voltage L1-N InterHarmonic #20	float	R		42061
V_L1N_IH_21	Star Voltage L1-N InterHarmonic #21	float	R		42063
V_L1N_IH_22	Star Voltage L1-N InterHarmonic #22	float	R		42065
V_L1N_IH_23	Star Voltage L1-N InterHarmonic #23	float	R		42067
V_L1N_IH_24	Star Voltage L1-N InterHarmonic #24	float	R		42069
V_L1N_IH_25	Star Voltage L1-N InterHarmonic #25	float	R		42071
V_L1N_IH_26	Star Voltage L1-N InterHarmonic #26	float	R		42073
V_L1N_IH_27	Star Voltage L1-N InterHarmonic #27	float	R		42075
V_L1N_IH_28	Star Voltage L1-N InterHarmonic #28	float	R		42077
V_L1N_IH_29	Star Voltage L1-N InterHarmonic #29	float	R		42079
V_L1N_IH_30	Star Voltage L1-N InterHarmonic #30	float	R		42081
V_L1N_IH_31	Star Voltage L1-N InterHarmonic #31	float	R		42083
V_L1N_IH_32	Star Voltage L1-N InterHarmonic #32	float	R		42085
V_L1N_IH_33	Star Voltage L1-N InterHarmonic #33	float	R		42087
V_L1N_IH_34	Star Voltage L1-N InterHarmonic #34	float	R		42089
V_L1N_IH_35	Star Voltage L1-N InterHarmonic #35	float	R		42091
V_L1N_IH_36	Star Voltage L1-N InterHarmonic #36	float	R		42093
V_L1N_IH_37	Star Voltage L1-N InterHarmonic #37	float	R		42095
V_L1N_IH_38	Star Voltage L1-N InterHarmonic #38	float	R		42097
V_L1N_IH_39	Star Voltage L1-N InterHarmonic #39	float	R		42099
V_L1N_IH_40	Star Voltage L1-N InterHarmonic #40	float	R		42101
V_L1N_IH_41	Star Voltage L1-N InterHarmonic #41	float	R		42103
V_L1N_IH_42	Star Voltage L1-N InterHarmonic #42	float	R		42105
V_L1N_IH_43	Star Voltage L1-N InterHarmonic #43	float	R		42107
V_L1N_IH_44	Star Voltage L1-N InterHarmonic #44	float	R		42109
V_L1N_IH_45	Star Voltage L1-N InterHarmonic #45	float	R		42111
V_L1N_IH_46	Star Voltage L1-N InterHarmonic #46	float	R		42113
V_L1N_IH_47	Star Voltage L1-N InterHarmonic #47	float	R		42115
V_L1N_IH_48	Star Voltage L1-N InterHarmonic #48	float	R		42117
V_L1N_IH_49	Star Voltage L1-N InterHarmonic #49	float	R		42119
V_L1N_IH_50	Star Voltage L1-N InterHarmonic #50	float	R		42121
V_L1N_IH_51	Star Voltage L1-N InterHarmonic #51	float	R		42123
V_L1N_IH_52	Star Voltage L1-N InterHarmonic #52	float	R		42125
V_L1N_IH_53	Star Voltage L1-N InterHarmonic #53	float	R		42127
V_L1N_IH_54	Star Voltage L1-N InterHarmonic #54	float	R		42129
V_L1N_IH_55	Star Voltage L1-N InterHarmonic #55	float	R		42131
V_L1N_IH_56	Star Voltage L1-N InterHarmonic #56	float	R		42133
V_L1N_IH_57	Star Voltage L1-N InterHarmonic #57	float	R		42135
V_L1N_IH_58	Star Voltage L1-N InterHarmonic #58	float	R		42137
V_L1N_IH_59	Star Voltage L1-N InterHarmonic #59	float	R		42139
V_L1N_IH_60	Star Voltage L1-N InterHarmonic #60	float	R		42141
V_L1N_IH_61	Star Voltage L1-N InterHarmonic #61	float	R		42143
V_L1N_IH_62	Star Voltage L1-N InterHarmonic #62	float	R		42145
V_L1N_IH_63	Star Voltage L1-N InterHarmonic #63	float	R		42147
V_L2N_IH_0	Star Voltage L2-N InterHarmonic #0	float	R		42149
V_L2N_IH_1	Star Voltage L2-N InterHarmonic #1	float	R		42151
V_L2N_IH_2	Star Voltage L2-N InterHarmonic #2	float	R		42153
V_L2N_IH_3	Star Voltage L2-N InterHarmonic #3	float	R		42155
V_L2N_IH_4	Star Voltage L2-N InterHarmonic #4	float	R		42157
V_L2N_IH_5	Star Voltage L2-N InterHarmonic #5	float	R		42159
V_L2N_IH_6	Star Voltage L2-N InterHarmonic #6	float	R		42161
V_L2N_IH_7	Star Voltage L2-N InterHarmonic #7	float	R		42163
V_L2N_IH_8	Star Voltage L2-N InterHarmonic #8	float	R		42165
V_L2N_IH_9	Star Voltage L2-N InterHarmonic #9	float	R		42167
V_L2N_IH_10	Star Voltage L2-N InterHarmonic #10	float	R		42169
V_L2N_IH_11	Star Voltage L2-N InterHarmonic #11	float	R		42171
V_L2N_IH_12	Star Voltage L2-N InterHarmonic #12	float	R		42173
V_L2N_IH_13	Star Voltage L2-N InterHarmonic #13	float	R		42175
V_L2N_IH_14	Star Voltage L2-N InterHarmonic #14	float	R		42177
V_L2N_IH_15	Star Voltage L2-N InterHarmonic #15	float	R		42179
V_L2N_IH_16	Star Voltage L2-N InterHarmonic #16	float	R		42181
V_L2N_IH_17	Star Voltage L2-N InterHarmonic #17	float	R		42183
V_L2N_IH_18	Star Voltage L2-N InterHarmonic #18	float	R		42185
V_L2N_IH_19	Star Voltage L2-N InterHarmonic #19	float	R		42187
V_L2N_IH_20	Star Voltage L2-N InterHarmonic #20	float	R		42189
V_L2N_IH_21	Star Voltage L2-N InterHarmonic #21	float	R		42191
V_L2N_IH_22	Star Voltage L2-N InterHarmonic #22	float	R		42193
V_L2N_IH_23	Star Voltage L2-N InterHarmonic #23	float	R		42195
V_L2N_IH_24	Star Voltage L2-N InterHarmonic #24	float	R		42197
V_L2N_IH_25	Star Voltage L2-N InterHarmonic #25	float	R		42199
V_L2N_IH_26	Star Voltage L2-N InterHarmonic #26	float	R		42201
V_L2N_IH_27	Star Voltage L2-N InterHarmonic #27	float	R		42203
V_L2N_IH_28	Star Voltage L2-N InterHarmonic #28	float	R		42205
V_L2N_IH_29	Star Voltage L2-N InterHarmonic #29	float	R		42207
V_L2N_IH_30	Star Voltage L2-N InterHarmonic #30	float	R		42209
V_L2N_IH_31	Star Voltage L2-N InterHarmonic #31	float	R		42211
V_L2N_IH_32	Star Voltage L2-N InterHarmonic #32	float	R		42213
V_L2N_IH_33	Star Voltage L2-N InterHarmonic #33	float	R		42215
V_L2N_IH_34	Star Voltage L2-N InterHarmonic #34	float	R		42217
V_L2N_IH_35	Star Voltage L2-N InterHarmonic #35	float	R		42219
V_L2N_IH_36	Star Voltage L2-N InterHarmonic #36	float	R		42221
V_L2N_IH_37	Star Voltage L2-N InterHarmonic #37	float	R		42223
V_L2N_IH_38	Star Voltage L2-N InterHarmonic #38	float	R		42225
V_L2N_IH_39	Star Voltage L2-N InterHarmonic #39	float	R		42227
V_L2N_IH_40	Star Voltage L2-N InterHarmonic #40	float	R		42229
V_L2N_IH_41	Star Voltage L2-N InterHarmonic #41	float	R		42231
V_L2N_IH_42	Star Voltage L2-N InterHarmonic #42	float	R		42233
V_L2N_IH_43	Star Voltage L2-N InterHarmonic #43	float	R		42235
V_L2N_IH_44	Star Voltage L2-N InterHarmonic #44	float	R		42237
V_L2N_IH_45	Star Voltage L2-N InterHarmonic #45	float	R		42239
V_L2N_IH_46	Star Voltage L2-N InterHarmonic #46	float	R		42241
V_L2N_IH_47	Star Voltage L2-N InterHarmonic #47	float	R		42243
V_L2N_IH_48	Star Voltage L2-N InterHarmonic #48	float	R		42245
V_L2N_IH_49	Star Voltage L2-N InterHarmonic #49	float	R		42247
V_L2N_IH_50	Star Voltage L2-N InterHarmonic #50	float	R		42249
V_L2N_IH_51	Star Voltage L2-N InterHarmonic #51	float	R		42251
V_L2N_IH_52	Star Voltage L2-N InterHarmonic #52	float	R		42253
V_L2N_IH_53	Star Voltage L2-N InterHarmonic #53	float	R		42255
V_L2N_IH_54	Star Voltage L2-N InterHarmonic #54	float	R		42257
V_L2N_IH_55	Star Voltage L2-N InterHarmonic #55	float	R		42259
V_L2N_IH_56	Star Voltage L2-N InterHarmonic #56	float	R		42261
V_L2N_IH_57	Star Voltage L2-N InterHarmonic #57	float	R		42263
V_L2N_IH_58	Star Voltage L2-N InterHarmonic #58	float	R		42265
V_L2N_IH_59	Star Voltage L2-N InterHarmonic #59	float	R		42267
V_L2N_IH_60	Star Voltage L2-N InterHarmonic #60	float	R		42269
V_L2N_IH_61	Star Voltage L2-N InterHarmonic #61	float	R		42271
V_L2N_IH_62	Star Voltage L2-N InterHarmonic #62	float	R		42273

	All Versions
	Only in Plus and Professional Versions
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Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L2N_IH_63	Star Voltage L2-N InterHarmonic #63	float	R		42275
V_L3N_IH_0	Star Voltage L3-N InterHarmonic #0	float	R		42277
V_L3N_IH_1	Star Voltage L3-N InterHarmonic #1	float	R		42279
V_L3N_IH_2	Star Voltage L3-N InterHarmonic #2	float	R		42281
V_L3N_IH_3	Star Voltage L3-N InterHarmonic #3	float	R		42283
V_L3N_IH_4	Star Voltage L3-N InterHarmonic #4	float	R		42285
V_L3N_IH_5	Star Voltage L3-N InterHarmonic #5	float	R		42287
V_L3N_IH_6	Star Voltage L3-N InterHarmonic #6	float	R		42289
V_L3N_IH_7	Star Voltage L3-N InterHarmonic #7	float	R		42291
V_L3N_IH_8	Star Voltage L3-N InterHarmonic #8	float	R		42293
V_L3N_IH_9	Star Voltage L3-N InterHarmonic #9	float	R		42295
V_L3N_IH_10	Star Voltage L3-N InterHarmonic #10	float	R		42297
V_L3N_IH_11	Star Voltage L3-N InterHarmonic #11	float	R		42299
V_L3N_IH_12	Star Voltage L3-N InterHarmonic #12	float	R		42301
V_L3N_IH_13	Star Voltage L3-N InterHarmonic #13	float	R		42303
V_L3N_IH_14	Star Voltage L3-N InterHarmonic #14	float	R		42305
V_L3N_IH_15	Star Voltage L3-N InterHarmonic #15	float	R		42307
V_L3N_IH_16	Star Voltage L3-N InterHarmonic #16	float	R		42309
V_L3N_IH_17	Star Voltage L3-N InterHarmonic #17	float	R		42311
V_L3N_IH_18	Star Voltage L3-N InterHarmonic #18	float	R		42313
V_L3N_IH_19	Star Voltage L3-N InterHarmonic #19	float	R		42315
V_L3N_IH_20	Star Voltage L3-N InterHarmonic #20	float	R		42317
V_L3N_IH_21	Star Voltage L3-N InterHarmonic #21	float	R		42319
V_L3N_IH_22	Star Voltage L3-N InterHarmonic #22	float	R		42321
V_L3N_IH_23	Star Voltage L3-N InterHarmonic #23	float	R		42323
V_L3N_IH_24	Star Voltage L3-N InterHarmonic #24	float	R		42325
V_L3N_IH_25	Star Voltage L3-N InterHarmonic #25	float	R		42327
V_L3N_IH_26	Star Voltage L3-N InterHarmonic #26	float	R		42329
V_L3N_IH_27	Star Voltage L3-N InterHarmonic #27	float	R		42331
V_L3N_IH_28	Star Voltage L3-N InterHarmonic #28	float	R		42333
V_L3N_IH_29	Star Voltage L3-N InterHarmonic #29	float	R		42335
V_L3N_IH_30	Star Voltage L3-N InterHarmonic #30	float	R		42337
V_L3N_IH_31	Star Voltage L3-N InterHarmonic #31	float	R		42339
V_L3N_IH_32	Star Voltage L3-N InterHarmonic #32	float	R		42341
V_L3N_IH_33	Star Voltage L3-N InterHarmonic #33	float	R		42343
V_L3N_IH_34	Star Voltage L3-N InterHarmonic #34	float	R		42345
V_L3N_IH_35	Star Voltage L3-N InterHarmonic #35	float	R		42347
V_L3N_IH_36	Star Voltage L3-N InterHarmonic #36	float	R		42349
V_L3N_IH_37	Star Voltage L3-N InterHarmonic #37	float	R		42351
V_L3N_IH_38	Star Voltage L3-N InterHarmonic #38	float	R		42353
V_L3N_IH_39	Star Voltage L3-N InterHarmonic #39	float	R		42355
V_L3N_IH_40	Star Voltage L3-N InterHarmonic #40	float	R		42357
V_L3N_IH_41	Star Voltage L3-N InterHarmonic #41	float	R		42359
V_L3N_IH_42	Star Voltage L3-N InterHarmonic #42	float	R		42361
V_L3N_IH_43	Star Voltage L3-N InterHarmonic #43	float	R		42363
V_L3N_IH_44	Star Voltage L3-N InterHarmonic #44	float	R		42365
V_L3N_IH_45	Star Voltage L3-N InterHarmonic #45	float	R		42367
V_L3N_IH_46	Star Voltage L3-N InterHarmonic #46	float	R		42369
V_L3N_IH_47	Star Voltage L3-N InterHarmonic #47	float	R		42371
V_L3N_IH_48	Star Voltage L3-N InterHarmonic #48	float	R		42373
V_L3N_IH_49	Star Voltage L3-N InterHarmonic #49	float	R		42375
V_L3N_IH_50	Star Voltage L3-N InterHarmonic #50	float	R		42377
V_L3N_IH_51	Star Voltage L3-N InterHarmonic #51	float	R		42379
V_L3N_IH_52	Star Voltage L3-N InterHarmonic #52	float	R		42381
V_L3N_IH_53	Star Voltage L3-N InterHarmonic #53	float	R		42383
V_L3N_IH_54	Star Voltage L3-N InterHarmonic #54	float	R		42385
V_L3N_IH_55	Star Voltage L3-N InterHarmonic #55	float	R		42387
V_L3N_IH_56	Star Voltage L3-N InterHarmonic #56	float	R		42389
V_L3N_IH_57	Star Voltage L3-N InterHarmonic #57	float	R		42391
V_L3N_IH_58	Star Voltage L3-N InterHarmonic #58	float	R		42393
V_L3N_IH_59	Star Voltage L3-N InterHarmonic #59	float	R		42395
V_L3N_IH_60	Star Voltage L3-N InterHarmonic #60	float	R		42397
V_L3N_IH_61	Star Voltage L3-N InterHarmonic #61	float	R		42399
V_L3N_IH_62	Star Voltage L3-N InterHarmonic #62	float	R		42401
V_L3N_IH_63	Star Voltage L3-N InterHarmonic #63	float	R		42403
V_L12_IH_0	Line Voltage L1-L2 InterHarmonic #0	float	R		42405
V_L12_IH_1	Line Voltage L1-L2 InterHarmonic #1	float	R		42407
V_L12_IH_2	Line Voltage L1-L2 InterHarmonic #2	float	R		42409
V_L12_IH_3	Line Voltage L1-L2 InterHarmonic #3	float	R		42411
V_L12_IH_4	Line Voltage L1-L2 InterHarmonic #4	float	R		42413
V_L12_IH_5	Line Voltage L1-L2 InterHarmonic #5	float	R		42415
V_L12_IH_6	Line Voltage L1-L2 InterHarmonic #6	float	R		42417
V_L12_IH_7	Line Voltage L1-L2 InterHarmonic #7	float	R		42419
V_L12_IH_8	Line Voltage L1-L2 InterHarmonic #8	float	R		42421
V_L12_IH_9	Line Voltage L1-L2 InterHarmonic #9	float	R		42423
V_L12_IH_10	Line Voltage L1-L2 InterHarmonic #10	float	R		42425
V_L12_IH_11	Line Voltage L1-L2 InterHarmonic #11	float	R		42427
V_L12_IH_12	Line Voltage L1-L2 InterHarmonic #12	float	R		42429
V_L12_IH_13	Line Voltage L1-L2 InterHarmonic #13	float	R		42431
V_L12_IH_14	Line Voltage L1-L2 InterHarmonic #14	float	R		42433
V_L12_IH_15	Line Voltage L1-L2 InterHarmonic #15	float	R		42435
V_L12_IH_16	Line Voltage L1-L2 InterHarmonic #16	float	R		42437
V_L12_IH_17	Line Voltage L1-L2 InterHarmonic #17	float	R		42439
V_L12_IH_18	Line Voltage L1-L2 InterHarmonic #18	float	R		42441
V_L12_IH_19	Line Voltage L1-L2 InterHarmonic #19	float	R		42443
V_L12_IH_20	Line Voltage L1-L2 InterHarmonic #20	float	R		42445
V_L12_IH_21	Line Voltage L1-L2 InterHarmonic #21	float	R		42447
V_L12_IH_22	Line Voltage L1-L2 InterHarmonic #22	float	R		42449
V_L12_IH_23	Line Voltage L1-L2 InterHarmonic #23	float	R		42451
V_L12_IH_24	Line Voltage L1-L2 InterHarmonic #24	float	R		42453
V_L12_IH_25	Line Voltage L1-L2 InterHarmonic #25	float	R		42455
V_L12_IH_26	Line Voltage L1-L2 InterHarmonic #26	float	R		42457
V_L12_IH_27	Line Voltage L1-L2 InterHarmonic #27	float	R		42459
V_L12_IH_28	Line Voltage L1-L2 InterHarmonic #28	float	R		42461
V_L12_IH_29	Line Voltage L1-L2 InterHarmonic #29	float	R		42463
V_L12_IH_30	Line Voltage L1-L2 InterHarmonic #30	float	R		42465
V_L12_IH_31	Line Voltage L1-L2 InterHarmonic #31	float	R		42467
V_L12_IH_32	Line Voltage L1-L2 InterHarmonic #32	float	R		42469
V_L12_IH_33	Line Voltage L1-L2 InterHarmonic #33	float	R		42471
V_L12_IH_34	Line Voltage L1-L2 InterHarmonic #34	float	R		42473
V_L12_IH_35	Line Voltage L1-L2 InterHarmonic #35	float	R		42475
V_L12_IH_36	Line Voltage L1-L2 InterHarmonic #36	float	R		42477
V_L12_IH_37	Line Voltage L1-L2 InterHarmonic #37	float	R		42479
V_L12_IH_38	Line Voltage L1-L2 InterHarmonic #38	float	R		42481
V_L12_IH_39	Line Voltage L1-L2 InterHarmonic #39	float	R		42483
V_L12_IH_40	Line Voltage L1-L2 InterHarmonic #40	float	R		42485
V_L12_IH_41	Line Voltage L1-L2 InterHarmonic #41	float	R		42487
V_L12_IH_42	Line Voltage L1-L2 InterHarmonic #42	float	R		42489
V_L12_IH_43	Line Voltage L1-L2 InterHarmonic #43	float	R		42491
V_L12_IH_44	Line Voltage L1-L2 InterHarmonic #44	float	R		42493
V_L12_IH_45	Line Voltage L1-L2 InterHarmonic #45	float	R		42495

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L12_IH_46	Line Voltage L1-L2 InterHarmonic #46	float	R		42497
V_L12_IH_47	Line Voltage L1-L2 InterHarmonic #47	float	R		42499
V_L12_IH_48	Line Voltage L1-L2 InterHarmonic #48	float	R		42501
V_L12_IH_49	Line Voltage L1-L2 InterHarmonic #49	float	R		42503
V_L12_IH_50	Line Voltage L1-L2 InterHarmonic #50	float	R		42505
V_L12_IH_51	Line Voltage L1-L2 InterHarmonic #51	float	R		42507
V_L12_IH_52	Line Voltage L1-L2 InterHarmonic #52	float	R		42509
V_L12_IH_53	Line Voltage L1-L2 InterHarmonic #53	float	R		42511
V_L12_IH_54	Line Voltage L1-L2 InterHarmonic #54	float	R		42513
V_L12_IH_55	Line Voltage L1-L2 InterHarmonic #55	float	R		42515
V_L12_IH_56	Line Voltage L1-L2 InterHarmonic #56	float	R		42517
V_L12_IH_57	Line Voltage L1-L2 InterHarmonic #57	float	R		42519
V_L12_IH_58	Line Voltage L1-L2 InterHarmonic #58	float	R		42521
V_L12_IH_59	Line Voltage L1-L2 InterHarmonic #59	float	R		42523
V_L12_IH_60	Line Voltage L1-L2 InterHarmonic #60	float	R		42525
V_L12_IH_61	Line Voltage L1-L2 InterHarmonic #61	float	R		42527
V_L12_IH_62	Line Voltage L1-L2 InterHarmonic #62	float	R		42529
V_L12_IH_63	Line Voltage L1-L2 InterHarmonic #63	float	R		42531
V_L23_IH_0	Line Voltage L2-L3 InterHarmonic #0	float	R		42533
V_L23_IH_1	Line Voltage L2-L3 InterHarmonic #1	float	R		42535
V_L23_IH_2	Line Voltage L2-L3 InterHarmonic #2	float	R		42537
V_L23_IH_3	Line Voltage L2-L3 InterHarmonic #3	float	R		42539
V_L23_IH_4	Line Voltage L2-L3 InterHarmonic #4	float	R		42541
V_L23_IH_5	Line Voltage L2-L3 InterHarmonic #5	float	R		42543
V_L23_IH_6	Line Voltage L2-L3 InterHarmonic #6	float	R		42545
V_L23_IH_7	Line Voltage L2-L3 InterHarmonic #7	float	R		42547
V_L23_IH_8	Line Voltage L2-L3 InterHarmonic #8	float	R		42549
V_L23_IH_9	Line Voltage L2-L3 InterHarmonic #9	float	R		42551
V_L23_IH_10	Line Voltage L2-L3 InterHarmonic #10	float	R		42553
V_L23_IH_11	Line Voltage L2-L3 InterHarmonic #11	float	R		42555
V_L23_IH_12	Line Voltage L2-L3 InterHarmonic #12	float	R		42557
V_L23_IH_13	Line Voltage L2-L3 InterHarmonic #13	float	R		42559
V_L23_IH_14	Line Voltage L2-L3 InterHarmonic #14	float	R		42561
V_L23_IH_15	Line Voltage L2-L3 InterHarmonic #15	float	R		42563
V_L23_IH_16	Line Voltage L2-L3 InterHarmonic #16	float	R		42565
V_L23_IH_17	Line Voltage L2-L3 InterHarmonic #17	float	R		42567
V_L23_IH_18	Line Voltage L2-L3 InterHarmonic #18	float	R		42569
V_L23_IH_19	Line Voltage L2-L3 InterHarmonic #19	float	R		42571
V_L23_IH_20	Line Voltage L2-L3 InterHarmonic #20	float	R		42573
V_L23_IH_21	Line Voltage L2-L3 InterHarmonic #21	float	R		42575
V_L23_IH_22	Line Voltage L2-L3 InterHarmonic #22	float	R		42577
V_L23_IH_23	Line Voltage L2-L3 InterHarmonic #23	float	R		42579
V_L23_IH_24	Line Voltage L2-L3 InterHarmonic #24	float	R		42581
V_L23_IH_25	Line Voltage L2-L3 InterHarmonic #25	float	R		42583
V_L23_IH_26	Line Voltage L2-L3 InterHarmonic #26	float	R		42585
V_L23_IH_27	Line Voltage L2-L3 InterHarmonic #27	float	R		42587
V_L23_IH_28	Line Voltage L2-L3 InterHarmonic #28	float	R		42589
V_L23_IH_29	Line Voltage L2-L3 InterHarmonic #29	float	R		42591
V_L23_IH_30	Line Voltage L2-L3 InterHarmonic #30	float	R		42593
V_L23_IH_31	Line Voltage L2-L3 InterHarmonic #31	float	R		42595
V_L23_IH_32	Line Voltage L2-L3 InterHarmonic #32	float	R		42597
V_L23_IH_33	Line Voltage L2-L3 InterHarmonic #33	float	R		42599
V_L23_IH_34	Line Voltage L2-L3 InterHarmonic #34	float	R		42601
V_L23_IH_35	Line Voltage L2-L3 InterHarmonic #35	float	R		42603
V_L23_IH_36	Line Voltage L2-L3 InterHarmonic #36	float	R		42605
V_L23_IH_37	Line Voltage L2-L3 InterHarmonic #37	float	R		42607
V_L23_IH_38	Line Voltage L2-L3 InterHarmonic #38	float	R		42609
V_L23_IH_39	Line Voltage L2-L3 InterHarmonic #39	float	R		42611
V_L23_IH_40	Line Voltage L2-L3 InterHarmonic #40	float	R		42613
V_L23_IH_41	Line Voltage L2-L3 InterHarmonic #41	float	R		42615
V_L23_IH_42	Line Voltage L2-L3 InterHarmonic #42	float	R		42617
V_L23_IH_43	Line Voltage L2-L3 InterHarmonic #43	float	R		42619
V_L23_IH_44	Line Voltage L2-L3 InterHarmonic #44	float	R		42621
V_L23_IH_45	Line Voltage L2-L3 InterHarmonic #45	float	R		42623
V_L23_IH_46	Line Voltage L2-L3 InterHarmonic #46	float	R		42625
V_L23_IH_47	Line Voltage L2-L3 InterHarmonic #47	float	R		42627
V_L23_IH_48	Line Voltage L2-L3 InterHarmonic #48	float	R		42629
V_L23_IH_49	Line Voltage L2-L3 InterHarmonic #49	float	R		42631
V_L23_IH_50	Line Voltage L2-L3 InterHarmonic #50	float	R		42633
V_L23_IH_51	Line Voltage L2-L3 InterHarmonic #51	float	R		42635
V_L23_IH_52	Line Voltage L2-L3 InterHarmonic #52	float	R		42637
V_L23_IH_53	Line Voltage L2-L3 InterHarmonic #53	float	R		42639
V_L23_IH_54	Line Voltage L2-L3 InterHarmonic #54	float	R		42641
V_L23_IH_55	Line Voltage L2-L3 InterHarmonic #55	float	R		42643
V_L23_IH_56	Line Voltage L2-L3 InterHarmonic #56	float	R		42645
V_L23_IH_57	Line Voltage L2-L3 InterHarmonic #57	float	R		42647
V_L23_IH_58	Line Voltage L2-L3 InterHarmonic #58	float	R		42649
V_L23_IH_59	Line Voltage L2-L3 InterHarmonic #59	float	R		42651
V_L23_IH_60	Line Voltage L2-L3 InterHarmonic #60	float	R		42653
V_L23_IH_61	Line Voltage L2-L3 InterHarmonic #61	float	R		42655
V_L23_IH_62	Line Voltage L2-L3 InterHarmonic #62	float	R		42657
V_L23_IH_63	Line Voltage L2-L3 InterHarmonic #63	float	R		42659
V_L31_IH_0	Line Voltage L3-L1 InterHarmonic #0	float	R		42661
V_L31_IH_1	Line Voltage L3-L1 InterHarmonic #1	float	R		42663
V_L31_IH_2	Line Voltage L3-L1 InterHarmonic #2	float	R		42665
V_L31_IH_3	Line Voltage L3-L1 InterHarmonic #3	float	R		42667
V_L31_IH_4	Line Voltage L3-L1 InterHarmonic #4	float	R		42669
V_L31_IH_5	Line Voltage L3-L1 InterHarmonic #5	float	R		42671
V_L31_IH_6	Line Voltage L3-L1 InterHarmonic #6	float	R		42673
V_L31_IH_7	Line Voltage L3-L1 InterHarmonic #7	float	R		42675
V_L31_IH_8	Line Voltage L3-L1 InterHarmonic #8	float	R		42677
V_L31_IH_9	Line Voltage L3-L1 InterHarmonic #9	float	R		42679
V_L31_IH_10	Line Voltage L3-L1 InterHarmonic #10	float	R		42681
V_L31_IH_11	Line Voltage L3-L1 InterHarmonic #11	float	R		42683
V_L31_IH_12	Line Voltage L3-L1 InterHarmonic #12	float	R		42685
V_L31_IH_13	Line Voltage L3-L1 InterHarmonic #13	float	R		42687
V_L31_IH_14	Line Voltage L3-L1 InterHarmonic #14	float	R		42689
V_L31_IH_15	Line Voltage L3-L1 InterHarmonic #15	float	R		42691
V_L31_IH_16	Line Voltage L3-L1 InterHarmonic #16	float	R		42693
V_L31_IH_17	Line Voltage L3-L1 InterHarmonic #17	float	R		42695
V_L31_IH_18	Line Voltage L3-L1 InterHarmonic #18	float	R		42697
V_L31_IH_19	Line Voltage L3-L1 InterHarmonic #19	float	R		42699
V_L31_IH_20	Line Voltage L3-L1 InterHarmonic #20	float	R		42701
V_L31_IH_21	Line Voltage L3-L1 InterHarmonic #21	float	R		42703
V_L31_IH_22	Line Voltage L3-L1 InterHarmonic #22	float	R		42705
V_L31_IH_23	Line Voltage L3-L1 InterHarmonic #23	float	R		42707
V_L31_IH_24	Line Voltage L3-L1 InterHarmonic #24	float	R		42709
V_L31_IH_25	Line Voltage L3-L1 InterHarmonic #25	float	R		42711
V_L31_IH_26	Line Voltage L3-L1 InterHarmonic #26	float	R		42713
V_L31_IH_27	Line Voltage L3-L1 InterHarmonic #27	float	R		42715
V_L31_IH_28	Line Voltage L3-L1 InterHarmonic #28	float	R		42717

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L31_IH_29	Line Voltage L3-L1 InterHarmonic #29	float	R		42719
V_L31_IH_30	Line Voltage L3-L1 InterHarmonic #30	float	R		42721
V_L31_IH_31	Line Voltage L3-L1 InterHarmonic #31	float	R		42723
V_L31_IH_32	Line Voltage L3-L1 InterHarmonic #32	float	R		42725
V_L31_IH_33	Line Voltage L3-L1 InterHarmonic #33	float	R		42727
V_L31_IH_34	Line Voltage L3-L1 InterHarmonic #34	float	R		42729
V_L31_IH_35	Line Voltage L3-L1 InterHarmonic #35	float	R		42731
V_L31_IH_36	Line Voltage L3-L1 InterHarmonic #36	float	R		42733
V_L31_IH_37	Line Voltage L3-L1 InterHarmonic #37	float	R		42735
V_L31_IH_38	Line Voltage L3-L1 InterHarmonic #38	float	R		42737
V_L31_IH_39	Line Voltage L3-L1 InterHarmonic #39	float	R		42739
V_L31_IH_40	Line Voltage L3-L1 InterHarmonic #40	float	R		42741
V_L31_IH_41	Line Voltage L3-L1 InterHarmonic #41	float	R		42743
V_L31_IH_42	Line Voltage L3-L1 InterHarmonic #42	float	R		42745
V_L31_IH_43	Line Voltage L3-L1 InterHarmonic #43	float	R		42747
V_L31_IH_44	Line Voltage L3-L1 InterHarmonic #44	float	R		42749
V_L31_IH_45	Line Voltage L3-L1 InterHarmonic #45	float	R		42751
V_L31_IH_46	Line Voltage L3-L1 InterHarmonic #46	float	R		42753
V_L31_IH_47	Line Voltage L3-L1 InterHarmonic #47	float	R		42755
V_L31_IH_48	Line Voltage L3-L1 InterHarmonic #48	float	R		42757
V_L31_IH_49	Line Voltage L3-L1 InterHarmonic #49	float	R		42759
V_L31_IH_50	Line Voltage L3-L1 InterHarmonic #50	float	R		42761
V_L31_IH_51	Line Voltage L3-L1 InterHarmonic #51	float	R		42763
V_L31_IH_52	Line Voltage L3-L1 InterHarmonic #52	float	R		42765
V_L31_IH_53	Line Voltage L3-L1 InterHarmonic #53	float	R		42767
V_L31_IH_54	Line Voltage L3-L1 InterHarmonic #54	float	R		42769
V_L31_IH_55	Line Voltage L3-L1 InterHarmonic #55	float	R		42771
V_L31_IH_56	Line Voltage L3-L1 InterHarmonic #56	float	R		42773
V_L31_IH_57	Line Voltage L3-L1 InterHarmonic #57	float	R		42775
V_L31_IH_58	Line Voltage L3-L1 InterHarmonic #58	float	R		42777
V_L31_IH_59	Line Voltage L3-L1 InterHarmonic #59	float	R		42779
V_L31_IH_60	Line Voltage L3-L1 InterHarmonic #60	float	R		42781
V_L31_IH_61	Line Voltage L3-L1 InterHarmonic #61	float	R		42783
V_L31_IH_62	Line Voltage L3-L1 InterHarmonic #62	float	R		42785
V_L31_IH_63	Line Voltage L3-L1 InterHarmonic #63	float	R		42787
I_L1_IH_0	Line Current L1 InterHarmonic #0	float	R		42789
I_L1_IH_1	Line Current L1 InterHarmonic #1	float	R		42791
I_L1_IH_2	Line Current L1 InterHarmonic #2	float	R		42793
I_L1_IH_3	Line Current L1 InterHarmonic #3	float	R		42795
I_L1_IH_4	Line Current L1 InterHarmonic #4	float	R		42797
I_L1_IH_5	Line Current L1 InterHarmonic #5	float	R		42799
I_L1_IH_6	Line Current L1 InterHarmonic #6	float	R		42801
I_L1_IH_7	Line Current L1 InterHarmonic #7	float	R		42803
I_L1_IH_8	Line Current L1 InterHarmonic #8	float	R		42805
I_L1_IH_9	Line Current L1 InterHarmonic #9	float	R		42807
I_L1_IH_10	Line Current L1 InterHarmonic #10	float	R		42809
I_L1_IH_11	Line Current L1 InterHarmonic #11	float	R		42811
I_L1_IH_12	Line Current L1 InterHarmonic #12	float	R		42813
I_L1_IH_13	Line Current L1 InterHarmonic #13	float	R		42815
I_L1_IH_14	Line Current L1 InterHarmonic #14	float	R		42817
I_L1_IH_15	Line Current L1 InterHarmonic #15	float	R		42819
I_L1_IH_16	Line Current L1 InterHarmonic #16	float	R		42821
I_L1_IH_17	Line Current L1 InterHarmonic #17	float	R		42823
I_L1_IH_18	Line Current L1 InterHarmonic #18	float	R		42825
I_L1_IH_19	Line Current L1 InterHarmonic #19	float	R		42827
I_L1_IH_20	Line Current L1 InterHarmonic #20	float	R		42829
I_L1_IH_21	Line Current L1 InterHarmonic #21	float	R		42831
I_L1_IH_22	Line Current L1 InterHarmonic #22	float	R		42833
I_L1_IH_23	Line Current L1 InterHarmonic #23	float	R		42835
I_L1_IH_24	Line Current L1 InterHarmonic #24	float	R		42837
I_L1_IH_25	Line Current L1 InterHarmonic #25	float	R		42839
I_L1_IH_26	Line Current L1 InterHarmonic #26	float	R		42841
I_L1_IH_27	Line Current L1 InterHarmonic #27	float	R		42843
I_L1_IH_28	Line Current L1 InterHarmonic #28	float	R		42845
I_L1_IH_29	Line Current L1 InterHarmonic #29	float	R		42847
I_L1_IH_30	Line Current L1 InterHarmonic #30	float	R		42849
I_L1_IH_31	Line Current L1 InterHarmonic #31	float	R		42851
I_L1_IH_32	Line Current L1 InterHarmonic #32	float	R		42853
I_L1_IH_33	Line Current L1 InterHarmonic #33	float	R		42855
I_L1_IH_34	Line Current L1 InterHarmonic #34	float	R		42857
I_L1_IH_35	Line Current L1 InterHarmonic #35	float	R		42859
I_L1_IH_36	Line Current L1 InterHarmonic #36	float	R		42861
I_L1_IH_37	Line Current L1 InterHarmonic #37	float	R		42863
I_L1_IH_38	Line Current L1 InterHarmonic #38	float	R		42865
I_L1_IH_39	Line Current L1 InterHarmonic #39	float	R		42867
I_L1_IH_40	Line Current L1 InterHarmonic #40	float	R		42869
I_L1_IH_41	Line Current L1 InterHarmonic #41	float	R		42871
I_L1_IH_42	Line Current L1 InterHarmonic #42	float	R		42873
I_L1_IH_43	Line Current L1 InterHarmonic #43	float	R		42875
I_L1_IH_44	Line Current L1 InterHarmonic #44	float	R		42877
I_L1_IH_45	Line Current L1 InterHarmonic #45	float	R		42879
I_L1_IH_46	Line Current L1 InterHarmonic #46	float	R		42881
I_L1_IH_47	Line Current L1 InterHarmonic #47	float	R		42883
I_L1_IH_48	Line Current L1 InterHarmonic #48	float	R		42885
I_L1_IH_49	Line Current L1 InterHarmonic #49	float	R		42887
I_L1_IH_50	Line Current L1 InterHarmonic #50	float	R		42889
I_L1_IH_51	Line Current L1 InterHarmonic #51	float	R		42891
I_L1_IH_52	Line Current L1 InterHarmonic #52	float	R		42893
I_L1_IH_53	Line Current L1 InterHarmonic #53	float	R		42895
I_L1_IH_54	Line Current L1 InterHarmonic #54	float	R		42897
I_L1_IH_55	Line Current L1 InterHarmonic #55	float	R		42899
I_L1_IH_56	Line Current L1 InterHarmonic #56	float	R		42901
I_L1_IH_57	Line Current L1 InterHarmonic #57	float	R		42903
I_L1_IH_58	Line Current L1 InterHarmonic #58	float	R		42905
I_L1_IH_59	Line Current L1 InterHarmonic #59	float	R		42907
I_L1_IH_60	Line Current L1 InterHarmonic #60	float	R		42909
I_L1_IH_61	Line Current L1 InterHarmonic #61	float	R		42911
I_L1_IH_62	Line Current L1 InterHarmonic #62	float	R		42913
I_L1_IH_63	Line Current L1 InterHarmonic #63	float	R		42915
I_L2_IH_0	Line Current L2 InterHarmonic #0	float	R		42917
I_L2_IH_1	Line Current L2 InterHarmonic #1	float	R		42919
I_L2_IH_2	Line Current L2 InterHarmonic #2	float	R		42921
I_L2_IH_3	Line Current L2 InterHarmonic #3	float	R		42923
I_L2_IH_4	Line Current L2 InterHarmonic #4	float	R		42925
I_L2_IH_5	Line Current L2 InterHarmonic #5	float	R		42927
I_L2_IH_6	Line Current L2 InterHarmonic #6	float	R		42929
I_L2_IH_7	Line Current L2 InterHarmonic #7	float	R		42931
I_L2_IH_8	Line Current L2 InterHarmonic #8	float	R		42933
I_L2_IH_9	Line Current L2 InterHarmonic #9	float	R		42935
I_L2_IH_10	Line Current L2 InterHarmonic #10	float	R		42937
I_L2_IH_11	Line Current L2 InterHarmonic #11	float	R		42939

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L2_IH_12	Line Current L2 InterHarmonic #12	float	R		42941
I_L2_IH_13	Line Current L2 InterHarmonic #13	float	R		42943
I_L2_IH_14	Line Current L2 InterHarmonic #14	float	R		42945
I_L2_IH_15	Line Current L2 InterHarmonic #15	float	R		42947
I_L2_IH_16	Line Current L2 InterHarmonic #16	float	R		42949
I_L2_IH_17	Line Current L2 InterHarmonic #17	float	R		42951
I_L2_IH_18	Line Current L2 InterHarmonic #18	float	R		42953
I_L2_IH_19	Line Current L2 InterHarmonic #19	float	R		42955
I_L2_IH_20	Line Current L2 InterHarmonic #20	float	R		42957
I_L2_IH_21	Line Current L2 InterHarmonic #21	float	R		42959
I_L2_IH_22	Line Current L2 InterHarmonic #22	float	R		42961
I_L2_IH_23	Line Current L2 InterHarmonic #23	float	R		42963
I_L2_IH_24	Line Current L2 InterHarmonic #24	float	R		42965
I_L2_IH_25	Line Current L2 InterHarmonic #25	float	R		42967
I_L2_IH_26	Line Current L2 InterHarmonic #26	float	R		42969
I_L2_IH_27	Line Current L2 InterHarmonic #27	float	R		42971
I_L2_IH_28	Line Current L2 InterHarmonic #28	float	R		42973
I_L2_IH_29	Line Current L2 InterHarmonic #29	float	R		42975
I_L2_IH_30	Line Current L2 InterHarmonic #30	float	R		42977
I_L2_IH_31	Line Current L2 InterHarmonic #31	float	R		42979
I_L2_IH_32	Line Current L2 InterHarmonic #32	float	R		42981
I_L2_IH_33	Line Current L2 InterHarmonic #33	float	R		42983
I_L2_IH_34	Line Current L2 InterHarmonic #34	float	R		42985
I_L2_IH_35	Line Current L2 InterHarmonic #35	float	R		42987
I_L2_IH_36	Line Current L2 InterHarmonic #36	float	R		42989
I_L2_IH_37	Line Current L2 InterHarmonic #37	float	R		42991
I_L2_IH_38	Line Current L2 InterHarmonic #38	float	R		42993
I_L2_IH_39	Line Current L2 InterHarmonic #39	float	R		42995
I_L2_IH_40	Line Current L2 InterHarmonic #40	float	R		42997
I_L2_IH_41	Line Current L2 InterHarmonic #41	float	R		42999
I_L2_IH_42	Line Current L2 InterHarmonic #42	float	R		43001
I_L2_IH_43	Line Current L2 InterHarmonic #43	float	R		43003
I_L2_IH_44	Line Current L2 InterHarmonic #44	float	R		43005
I_L2_IH_45	Line Current L2 InterHarmonic #45	float	R		43007
I_L2_IH_46	Line Current L2 InterHarmonic #46	float	R		43009
I_L2_IH_47	Line Current L2 InterHarmonic #47	float	R		43011
I_L2_IH_48	Line Current L2 InterHarmonic #48	float	R		43013
I_L2_IH_49	Line Current L2 InterHarmonic #49	float	R		43015
I_L2_IH_50	Line Current L2 InterHarmonic #50	float	R		43017
I_L2_IH_51	Line Current L2 InterHarmonic #51	float	R		43019
I_L2_IH_52	Line Current L2 InterHarmonic #52	float	R		43021
I_L2_IH_53	Line Current L2 InterHarmonic #53	float	R		43023
I_L2_IH_54	Line Current L2 InterHarmonic #54	float	R		43025
I_L2_IH_55	Line Current L2 InterHarmonic #55	float	R		43027
I_L2_IH_56	Line Current L2 InterHarmonic #56	float	R		43029
I_L2_IH_57	Line Current L2 InterHarmonic #57	float	R		43031
I_L2_IH_58	Line Current L2 InterHarmonic #58	float	R		43033
I_L2_IH_59	Line Current L2 InterHarmonic #59	float	R		43035
I_L2_IH_60	Line Current L2 InterHarmonic #60	float	R		43037
I_L2_IH_61	Line Current L2 InterHarmonic #61	float	R		43039
I_L2_IH_62	Line Current L2 InterHarmonic #62	float	R		43041
I_L2_IH_63	Line Current L2 InterHarmonic #63	float	R		43043
I_L3_IH_0	Line Current L3 InterHarmonic #0	float	R		43045
I_L3_IH_1	Line Current L3 InterHarmonic #1	float	R		43047
I_L3_IH_2	Line Current L3 InterHarmonic #2	float	R		43049
I_L3_IH_3	Line Current L3 InterHarmonic #3	float	R		43051
I_L3_IH_4	Line Current L3 InterHarmonic #4	float	R		43053
I_L3_IH_5	Line Current L3 InterHarmonic #5	float	R		43055
I_L3_IH_6	Line Current L3 InterHarmonic #6	float	R		43057
I_L3_IH_7	Line Current L3 InterHarmonic #7	float	R		43059
I_L3_IH_8	Line Current L3 InterHarmonic #8	float	R		43061
I_L3_IH_9	Line Current L3 InterHarmonic #9	float	R		43063
I_L3_IH_10	Line Current L3 InterHarmonic #10	float	R		43065
I_L3_IH_11	Line Current L3 InterHarmonic #11	float	R		43067
I_L3_IH_12	Line Current L3 InterHarmonic #12	float	R		43069
I_L3_IH_13	Line Current L3 InterHarmonic #13	float	R		43071
I_L3_IH_14	Line Current L3 InterHarmonic #14	float	R		43073
I_L3_IH_15	Line Current L3 InterHarmonic #15	float	R		43075
I_L3_IH_16	Line Current L3 InterHarmonic #16	float	R		43077
I_L3_IH_17	Line Current L3 InterHarmonic #17	float	R		43079
I_L3_IH_18	Line Current L3 InterHarmonic #18	float	R		43081
I_L3_IH_19	Line Current L3 InterHarmonic #19	float	R		43083
I_L3_IH_20	Line Current L3 InterHarmonic #20	float	R		43085
I_L3_IH_21	Line Current L3 InterHarmonic #21	float	R		43087
I_L3_IH_22	Line Current L3 InterHarmonic #22	float	R		43089
I_L3_IH_23	Line Current L3 InterHarmonic #23	float	R		43091
I_L3_IH_24	Line Current L3 InterHarmonic #24	float	R		43093
I_L3_IH_25	Line Current L3 InterHarmonic #25	float	R		43095
I_L3_IH_26	Line Current L3 InterHarmonic #26	float	R		43097
I_L3_IH_27	Line Current L3 InterHarmonic #27	float	R		43099
I_L3_IH_28	Line Current L3 InterHarmonic #28	float	R		43101
I_L3_IH_29	Line Current L3 InterHarmonic #29	float	R		43103
I_L3_IH_30	Line Current L3 InterHarmonic #30	float	R		43105
I_L3_IH_31	Line Current L3 InterHarmonic #31	float	R		43107
I_L3_IH_32	Line Current L3 InterHarmonic #32	float	R		43109
I_L3_IH_33	Line Current L3 InterHarmonic #33	float	R		43111
I_L3_IH_34	Line Current L3 InterHarmonic #34	float	R		43113
I_L3_IH_35	Line Current L3 InterHarmonic #35	float	R		43115
I_L3_IH_36	Line Current L3 InterHarmonic #36	float	R		43117
I_L3_IH_37	Line Current L3 InterHarmonic #37	float	R		43119
I_L3_IH_38	Line Current L3 InterHarmonic #38	float	R		43121
I_L3_IH_39	Line Current L3 InterHarmonic #39	float	R		43123
I_L3_IH_40	Line Current L3 InterHarmonic #40	float	R		43125
I_L3_IH_41	Line Current L3 InterHarmonic #41	float	R		43127
I_L3_IH_42	Line Current L3 InterHarmonic #42	float	R		43129
I_L3_IH_43	Line Current L3 InterHarmonic #43	float	R		43131
I_L3_IH_44	Line Current L3 InterHarmonic #44	float	R		43133
I_L3_IH_45	Line Current L3 InterHarmonic #45	float	R		43135
I_L3_IH_46	Line Current L3 InterHarmonic #46	float	R		43137
I_L3_IH_47	Line Current L3 InterHarmonic #47	float	R		43139
I_L3_IH_48	Line Current L3 InterHarmonic #48	float	R		43141
I_L3_IH_49	Line Current L3 InterHarmonic #49	float	R		43143
I_L3_IH_50	Line Current L3 InterHarmonic #50	float	R		43145
I_L3_IH_51	Line Current L3 InterHarmonic #51	float	R		43147
I_L3_IH_52	Line Current L3 InterHarmonic #52	float	R		43149
I_L3_IH_53	Line Current L3 InterHarmonic #53	float	R		43151
I_L3_IH_54	Line Current L3 InterHarmonic #54	float	R		43153
I_L3_IH_55	Line Current L3 InterHarmonic #55	float	R		43155
I_L3_IH_56	Line Current L3 InterHarmonic #56	float	R		43157
I_L3_IH_57	Line Current L3 InterHarmonic #57	float	R		43159
I_L3_IH_58	Line Current L3 InterHarmonic #58	float	R		43161

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L3_IH_59	Line Current L3 InterHarmonic #59	float	R		43163
I_L3_IH_60	Line Current L3 InterHarmonic #60	float	R		43165
I_L3_IH_61	Line Current L3 InterHarmonic #61	float	R		43167
I_L3_IH_62	Line Current L3 InterHarmonic #62	float	R		43169
I_L3_IH_63	Line Current L3 InterHarmonic #63	float	R		43171
I_N_IH_0	Line Current N InterHarmonic #0	float	R		43173
I_N_IH_1	Line Current N InterHarmonic #1	float	R		43175
I_N_IH_2	Line Current N InterHarmonic #2	float	R		43177
I_N_IH_3	Line Current N InterHarmonic #3	float	R		43179
I_N_IH_4	Line Current N InterHarmonic #4	float	R		43181
I_N_IH_5	Line Current N InterHarmonic #5	float	R		43183
I_N_IH_6	Line Current N InterHarmonic #6	float	R		43185
I_N_IH_7	Line Current N InterHarmonic #7	float	R		43187
I_N_IH_8	Line Current N InterHarmonic #8	float	R		43189
I_N_IH_9	Line Current N InterHarmonic #9	float	R		43191
I_N_IH_10	Line Current N InterHarmonic #10	float	R		43193
I_N_IH_11	Line Current N InterHarmonic #11	float	R		43195
I_N_IH_12	Line Current N InterHarmonic #12	float	R		43197
I_N_IH_13	Line Current N InterHarmonic #13	float	R		43199
I_N_IH_14	Line Current N InterHarmonic #14	float	R		43201
I_N_IH_15	Line Current N InterHarmonic #15	float	R		43203
I_N_IH_16	Line Current N InterHarmonic #16	float	R		43205
I_N_IH_17	Line Current N InterHarmonic #17	float	R		43207
I_N_IH_18	Line Current N InterHarmonic #18	float	R		43209
I_N_IH_19	Line Current N InterHarmonic #19	float	R		43211
I_N_IH_20	Line Current N InterHarmonic #20	float	R		43213
I_N_IH_21	Line Current N InterHarmonic #21	float	R		43215
I_N_IH_22	Line Current N InterHarmonic #22	float	R		43217
I_N_IH_23	Line Current N InterHarmonic #23	float	R		43219
I_N_IH_24	Line Current N InterHarmonic #24	float	R		43221
I_N_IH_25	Line Current N InterHarmonic #25	float	R		43223
I_N_IH_26	Line Current N InterHarmonic #26	float	R		43225
I_N_IH_27	Line Current N InterHarmonic #27	float	R		43227
I_N_IH_28	Line Current N InterHarmonic #28	float	R		43229
I_N_IH_29	Line Current N InterHarmonic #29	float	R		43231
I_N_IH_30	Line Current N InterHarmonic #30	float	R		43233
I_N_IH_31	Line Current N InterHarmonic #31	float	R		43235
I_N_IH_32	Line Current N InterHarmonic #32	float	R		43237
I_N_IH_33	Line Current N InterHarmonic #33	float	R		43239
I_N_IH_34	Line Current N InterHarmonic #34	float	R		43241
I_N_IH_35	Line Current N InterHarmonic #35	float	R		43243
I_N_IH_36	Line Current N InterHarmonic #36	float	R		43245
I_N_IH_37	Line Current N InterHarmonic #37	float	R		43247
I_N_IH_38	Line Current N InterHarmonic #38	float	R		43249
I_N_IH_39	Line Current N InterHarmonic #39	float	R		43251
I_N_IH_40	Line Current N InterHarmonic #40	float	R		43253
I_N_IH_41	Line Current N InterHarmonic #41	float	R		43255
I_N_IH_42	Line Current N InterHarmonic #42	float	R		43257
I_N_IH_43	Line Current N InterHarmonic #43	float	R		43259
I_N_IH_44	Line Current N InterHarmonic #44	float	R		43261
I_N_IH_45	Line Current N InterHarmonic #45	float	R		43263
I_N_IH_46	Line Current N InterHarmonic #46	float	R		43265
I_N_IH_47	Line Current N InterHarmonic #47	float	R		43267
I_N_IH_48	Line Current N InterHarmonic #48	float	R		43269
I_N_IH_49	Line Current N InterHarmonic #49	float	R		43271
I_N_IH_50	Line Current N InterHarmonic #50	float	R		43273
I_N_IH_51	Line Current N InterHarmonic #51	float	R		43275
I_N_IH_52	Line Current N InterHarmonic #52	float	R		43277
I_N_IH_53	Line Current N InterHarmonic #53	float	R		43279
I_N_IH_54	Line Current N InterHarmonic #54	float	R		43281
I_N_IH_55	Line Current N InterHarmonic #55	float	R		43283
I_N_IH_56	Line Current N InterHarmonic #56	float	R		43285
I_N_IH_57	Line Current N InterHarmonic #57	float	R		43287
I_N_IH_58	Line Current N InterHarmonic #58	float	R		43289
I_N_IH_59	Line Current N InterHarmonic #59	float	R		43291
I_N_IH_60	Line Current N InterHarmonic #60	float	R		43293
I_N_IH_61	Line Current N InterHarmonic #61	float	R		43295
I_N_IH_62	Line Current N InterHarmonic #62	float	R		43297
I_N_IH_63	Line Current N InterHarmonic #63	float	R		43299
V_L1N_INTERRUPTION	Last star Voltage L1-N Interruption (VL1-N below 10% "Nominal_Star_Voltage")	float	R		43301
V_L2N_INTERRUPTION	Last star Voltage L2-N Interruption (VL2-N below 10% "Nominal_Star_Voltage")	float	R		43303
V_L3N_INTERRUPTION	Last star Voltage L3-N Interruption (VL3-N below 10% "Nominal_Star_Voltage")	float	R		43305
V_L12_INTERRUPTION	Last line Voltage L2-L3 Interruption (VL2-L3 below 10% "Nominal_Line_Voltage")	float	R		43307
V_L23_INTERRUPTION	Last line Voltage L3-L1 Interruption (VL3-L1 below 10% "Nominal_Line_Voltage")	float	R		43309
V_L31_INTERRUPTION	Last line Voltage L1-L2 Interruption (VL1-L2 below 10% "Nominal_Line_Voltage")	float	R		43311
V_L1N_SAG	Last star Voltage L1-N Sag (VL1-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43313
V_L2N_SAG	Last star Voltage L2-N Sag (VL2-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43315
V_L3N_SAG	Last star Voltage L3-N Sag (VL3-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43317
V_L12_SAG	Last line Voltage L2-L3 Sag (VL2-L3 between 10% and 90% "Nominal_Line_Voltage")	float	R		43319
V_L23_SAG	Last line Voltage L3-L1 Sag (VL3-L1 between 10% and 90% "Nominal_Line_Voltage")	float	R		43321
V_L31_SAG	Last line Voltage L1-L2 Sag (VL1-L2 between 10% and 90% "Nominal_Line_Voltage")	float	R		43323
V_L1N_SWELL	Last star Voltage L1-N Swell (VL1-N over 110% "Nominal_Star_Voltage")	float	R		43325
V_L2N_SWELL	Last star Voltage L2-N Swell (VL2-N over 110% "Nominal_Star_Voltage")	float	R		43327
V_L3N_SWELL	Last star Voltage L3-N Swell (VL3-N over 110% "Nominal_Star_Voltage")	float	R		43329
V_L12_SWELL	Last line Voltage L2-L3 Swell (VL2-L3 over 110% "Nominal_Line_Voltage")	float	R		43331
V_L23_SWELL	Last line Voltage L3-L1 Swell (VL3-L1 over 110% "Nominal_Line_Voltage")	float	R		43333
V_L31_SWELL	Last line Voltage L1-L2 Swell (VL1-L2 over 110% "Nominal_Line_Voltage")	float	R		43335
V_L1N_INTERRUPTION_TIME	Last star Voltage L1-N Interruption Timestamp (VL1-N below 10% "Nominal_Star_Voltage")	float	R		43337
V_L2N_INTERRUPTION_TIME	Last star Voltage L2-N Interruption Timestamp (VL2-N below 10% "Nominal_Star_Voltage")	float	R		43339
V_L3N_INTERRUPTION_TIME	Last star Voltage L3-N Interruption Timestamp (VL3-N below 10% "Nominal_Star_Voltage")	float	R		43341
V_L12_INTERRUPTION_TIMES	Last line Voltage L2-L3 Interruption Timestamp (VL2-L3 below 10% "Nominal_Line_Voltage")	float	R		43343
V_L23_INTERRUPTION_TIMES	Last line Voltage L3-L1 Interruption Timestamp (VL3-L1 below 10% "Nominal_Line_Voltage")	float	R		43345
V_L31_INTERRUPTION_TIMES	Last line Voltage L1-L2 Interruption Timestamp (VL1-L2 below 10% "Nominal_Line_Voltage")	float	R		43347
V_L1N_SAG_TIMESTAMP	Last star Voltage L1-N Sag Timestamp (VL1-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43349
V_L2N_SAG_TIMESTAMP	Last star Voltage L2-N Sag Timestamp (VL2-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43351
V_L3N_SAG_TIMESTAMP	Last star Voltage L3-N Sag Timestamp (VL3-N between 10% and 90% "Nominal_Star_Voltage")	float	R		43353
V_L12_SAG_TIMESTAMP	Last line Voltage L2-L3 Sag Timestamp (VL2-L3 between 10% and 90% "Nominal_Line_Voltage")	float	R		43355
V_L23_SAG_TIMESTAMP	Last line Voltage L3-L1 Sag Timestamp (VL3-L1 between 10% and 90% "Nominal_Line_Voltage")	float	R		43357
V_L31_SAG_TIMESTAMP	Last line Voltage L1-L2 Sag Timestamp (VL1-L2 between 10% and 90% "Nominal_Line_Voltage")	float	R		43359
V_L1N_SWELL_TIMESTAMP	Last star Voltage L1-N Swell Timestamp (VL1-N over 110% "Nominal_Star_Voltage")	float	R		43361
V_L2N_SWELL_TIMESTAMP	Last star Voltage L2-N Swell Timestamp (VL2-N over 110% "Nominal_Star_Voltage")	float	R		43363
V_L3N_SWELL_TIMESTAMP	Last star Voltage L3-N Swell Timestamp (VL3-N over 110% "Nominal_Star_Voltage")	float	R		43365
V_L12_SWELL_TIMESTAMP	Last line Voltage L2-L3 Swell Timestamp (VL2-L3 over 110% "Nominal_Line_Voltage")	float	R		43367
V_L23_SWELL_TIMESTAMP	Last line Voltage L3-L1 Swell Timestamp (VL3-L1 over 110% "Nominal_Line_Voltage")	float	R		43369
V_L31_SWELL_TIMESTAMP	Last line Voltage L1-L2 Swell Timestamp (VL1-L2 over 110% "Nominal_Line_Voltage")	float	R		43371
V_L1N_Oscilloscope_0	Star Voltage L1-N Sample #0	float	R		43373
V_L1N_Oscilloscope_1	Star Voltage L1-N Sample #1	float	R		43375
V_L1N_Oscilloscope_2	Star Voltage L1-N Sample #2	float	R		43377
V_L1N_Oscilloscope_3	Star Voltage L1-N Sample #3	float	R		43379
V_L1N_Oscilloscope_4	Star Voltage L1-N Sample #4	float	R		43381
V_L1N_Oscilloscope_5	Star Voltage L1-N Sample #5	float	R		43383

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L1N_Oscilloscope_6	Star Voltage L1-N Sample #6	float	R		43385
V_L1N_Oscilloscope_7	Star Voltage L1-N Sample #7	float	R		43387
V_L1N_Oscilloscope_8	Star Voltage L1-N Sample #8	float	R		43389
V_L1N_Oscilloscope_9	Star Voltage L1-N Sample #9	float	R		43391
V_L1N_Oscilloscope_10	Star Voltage L1-N Sample #10	float	R		43393
V_L1N_Oscilloscope_11	Star Voltage L1-N Sample #11	float	R		43395
V_L1N_Oscilloscope_12	Star Voltage L1-N Sample #12	float	R		43397
V_L1N_Oscilloscope_13	Star Voltage L1-N Sample #13	float	R		43399
V_L1N_Oscilloscope_14	Star Voltage L1-N Sample #14	float	R		43401
V_L1N_Oscilloscope_15	Star Voltage L1-N Sample #15	float	R		43403
V_L1N_Oscilloscope_16	Star Voltage L1-N Sample #16	float	R		43405
V_L1N_Oscilloscope_17	Star Voltage L1-N Sample #17	float	R		43407
V_L1N_Oscilloscope_18	Star Voltage L1-N Sample #18	float	R		43409
V_L1N_Oscilloscope_19	Star Voltage L1-N Sample #19	float	R		43411
V_L1N_Oscilloscope_20	Star Voltage L1-N Sample #20	float	R		43413
V_L1N_Oscilloscope_21	Star Voltage L1-N Sample #21	float	R		43415
V_L1N_Oscilloscope_22	Star Voltage L1-N Sample #22	float	R		43417
V_L1N_Oscilloscope_23	Star Voltage L1-N Sample #23	float	R		43419
V_L1N_Oscilloscope_24	Star Voltage L1-N Sample #24	float	R		43421
V_L1N_Oscilloscope_25	Star Voltage L1-N Sample #25	float	R		43423
V_L1N_Oscilloscope_26	Star Voltage L1-N Sample #26	float	R		43425
V_L1N_Oscilloscope_27	Star Voltage L1-N Sample #27	float	R		43427
V_L1N_Oscilloscope_28	Star Voltage L1-N Sample #28	float	R		43429
V_L1N_Oscilloscope_29	Star Voltage L1-N Sample #29	float	R		43431
V_L1N_Oscilloscope_30	Star Voltage L1-N Sample #30	float	R		43433
V_L1N_Oscilloscope_31	Star Voltage L1-N Sample #31	float	R		43435
V_L1N_Oscilloscope_32	Star Voltage L1-N Sample #32	float	R		43437
V_L1N_Oscilloscope_33	Star Voltage L1-N Sample #33	float	R		43439
V_L1N_Oscilloscope_34	Star Voltage L1-N Sample #34	float	R		43441
V_L1N_Oscilloscope_35	Star Voltage L1-N Sample #35	float	R		43443
V_L1N_Oscilloscope_36	Star Voltage L1-N Sample #36	float	R		43445
V_L1N_Oscilloscope_37	Star Voltage L1-N Sample #37	float	R		43447
V_L1N_Oscilloscope_38	Star Voltage L1-N Sample #38	float	R		43449
V_L1N_Oscilloscope_39	Star Voltage L1-N Sample #39	float	R		43451
V_L1N_Oscilloscope_40	Star Voltage L1-N Sample #40	float	R		43453
V_L1N_Oscilloscope_41	Star Voltage L1-N Sample #41	float	R		43455
V_L1N_Oscilloscope_42	Star Voltage L1-N Sample #42	float	R		43457
V_L1N_Oscilloscope_43	Star Voltage L1-N Sample #43	float	R		43459
V_L1N_Oscilloscope_44	Star Voltage L1-N Sample #44	float	R		43461
V_L1N_Oscilloscope_45	Star Voltage L1-N Sample #45	float	R		43463
V_L1N_Oscilloscope_46	Star Voltage L1-N Sample #46	float	R		43465
V_L1N_Oscilloscope_47	Star Voltage L1-N Sample #47	float	R		43467
V_L1N_Oscilloscope_48	Star Voltage L1-N Sample #48	float	R		43469
V_L1N_Oscilloscope_49	Star Voltage L1-N Sample #49	float	R		43471
V_L1N_Oscilloscope_50	Star Voltage L1-N Sample #50	float	R		43473
V_L1N_Oscilloscope_51	Star Voltage L1-N Sample #51	float	R		43475
V_L1N_Oscilloscope_52	Star Voltage L1-N Sample #52	float	R		43477
V_L1N_Oscilloscope_53	Star Voltage L1-N Sample #53	float	R		43479
V_L1N_Oscilloscope_54	Star Voltage L1-N Sample #54	float	R		43481
V_L1N_Oscilloscope_55	Star Voltage L1-N Sample #55	float	R		43483
V_L1N_Oscilloscope_56	Star Voltage L1-N Sample #56	float	R		43485
V_L1N_Oscilloscope_57	Star Voltage L1-N Sample #57	float	R		43487
V_L1N_Oscilloscope_58	Star Voltage L1-N Sample #58	float	R		43489
V_L1N_Oscilloscope_59	Star Voltage L1-N Sample #59	float	R		43491
V_L1N_Oscilloscope_60	Star Voltage L1-N Sample #60	float	R		43493
V_L1N_Oscilloscope_61	Star Voltage L1-N Sample #61	float	R		43495
V_L1N_Oscilloscope_62	Star Voltage L1-N Sample #62	float	R		43497
V_L1N_Oscilloscope_63	Star Voltage L1-N Sample #63	float	R		43499
V_L1N_Oscilloscope_64	Star Voltage L1-N Sample #64	float	R		43501
V_L1N_Oscilloscope_65	Star Voltage L1-N Sample #65	float	R		43503
V_L1N_Oscilloscope_66	Star Voltage L1-N Sample #66	float	R		43505
V_L1N_Oscilloscope_67	Star Voltage L1-N Sample #67	float	R		43507
V_L1N_Oscilloscope_68	Star Voltage L1-N Sample #68	float	R		43509
V_L1N_Oscilloscope_69	Star Voltage L1-N Sample #69	float	R		43511
V_L1N_Oscilloscope_70	Star Voltage L1-N Sample #70	float	R		43513
V_L1N_Oscilloscope_71	Star Voltage L1-N Sample #71	float	R		43515
V_L1N_Oscilloscope_72	Star Voltage L1-N Sample #72	float	R		43517
V_L1N_Oscilloscope_73	Star Voltage L1-N Sample #73	float	R		43519
V_L1N_Oscilloscope_74	Star Voltage L1-N Sample #74	float	R		43521
V_L1N_Oscilloscope_75	Star Voltage L1-N Sample #75	float	R		43523
V_L1N_Oscilloscope_76	Star Voltage L1-N Sample #76	float	R		43525
V_L1N_Oscilloscope_77	Star Voltage L1-N Sample #77	float	R		43527
V_L1N_Oscilloscope_78	Star Voltage L1-N Sample #78	float	R		43529
V_L1N_Oscilloscope_79	Star Voltage L1-N Sample #79	float	R		43531
V_L1N_Oscilloscope_80	Star Voltage L1-N Sample #80	float	R		43533
V_L1N_Oscilloscope_81	Star Voltage L1-N Sample #81	float	R		43535
V_L1N_Oscilloscope_82	Star Voltage L1-N Sample #82	float	R		43537
V_L1N_Oscilloscope_83	Star Voltage L1-N Sample #83	float	R		43539
V_L1N_Oscilloscope_84	Star Voltage L1-N Sample #84	float	R		43541
V_L1N_Oscilloscope_85	Star Voltage L1-N Sample #85	float	R		43543
V_L1N_Oscilloscope_86	Star Voltage L1-N Sample #86	float	R		43545
V_L1N_Oscilloscope_87	Star Voltage L1-N Sample #87	float	R		43547
V_L1N_Oscilloscope_88	Star Voltage L1-N Sample #88	float	R		43549
V_L1N_Oscilloscope_89	Star Voltage L1-N Sample #89	float	R		43551
V_L1N_Oscilloscope_90	Star Voltage L1-N Sample #90	float	R		43553
V_L1N_Oscilloscope_91	Star Voltage L1-N Sample #91	float	R		43555
V_L1N_Oscilloscope_92	Star Voltage L1-N Sample #92	float	R		43557
V_L1N_Oscilloscope_93	Star Voltage L1-N Sample #93	float	R		43559
V_L1N_Oscilloscope_94	Star Voltage L1-N Sample #94	float	R		43561
V_L1N_Oscilloscope_95	Star Voltage L1-N Sample #95	float	R		43563
V_L1N_Oscilloscope_96	Star Voltage L1-N Sample #96	float	R		43565
V_L1N_Oscilloscope_97	Star Voltage L1-N Sample #97	float	R		43567
V_L1N_Oscilloscope_98	Star Voltage L1-N Sample #98	float	R		43569
V_L1N_Oscilloscope_99	Star Voltage L1-N Sample #99	float	R		43571
V_L1N_Oscilloscope_100	Star Voltage L1-N Sample #100	float	R		43573
V_L1N_Oscilloscope_101	Star Voltage L1-N Sample #101	float	R		43575
V_L1N_Oscilloscope_102	Star Voltage L1-N Sample #102	float	R		43577
V_L1N_Oscilloscope_103	Star Voltage L1-N Sample #103	float	R		43579
V_L1N_Oscilloscope_104	Star Voltage L1-N Sample #104	float	R		43581
V_L1N_Oscilloscope_105	Star Voltage L1-N Sample #105	float	R		43583
V_L1N_Oscilloscope_106	Star Voltage L1-N Sample #106	float	R		43585
V_L1N_Oscilloscope_107	Star Voltage L1-N Sample #107	float	R		43587
V_L1N_Oscilloscope_108	Star Voltage L1-N Sample #108	float	R		43589
V_L1N_Oscilloscope_109	Star Voltage L1-N Sample #109	float	R		43591
V_L1N_Oscilloscope_110	Star Voltage L1-N Sample #110	float	R		43593
V_L1N_Oscilloscope_111	Star Voltage L1-N Sample #111	float	R		43595
V_L1N_Oscilloscope_112	Star Voltage L1-N Sample #112	float	R		43597
V_L1N_Oscilloscope_113	Star Voltage L1-N Sample #113	float	R		43599
V_L1N_Oscilloscope_114	Star Voltage L1-N Sample #114	float	R		43601
V_L1N_Oscilloscope_115	Star Voltage L1-N Sample #115	float	R		43603
V_L1N_Oscilloscope_116	Star Voltage L1-N Sample #116	float	R		43605

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L1N_Oscilloscope_117	Star Voltage L1-N Sample #117	float	R		43607
V_L1N_Oscilloscope_118	Star Voltage L1-N Sample #118	float	R		43609
V_L1N_Oscilloscope_119	Star Voltage L1-N Sample #119	float	R		43611
V_L1N_Oscilloscope_120	Star Voltage L1-N Sample #120	float	R		43613
V_L1N_Oscilloscope_121	Star Voltage L1-N Sample #121	float	R		43615
V_L1N_Oscilloscope_122	Star Voltage L1-N Sample #122	float	R		43617
V_L1N_Oscilloscope_123	Star Voltage L1-N Sample #123	float	R		43619
V_L1N_Oscilloscope_124	Star Voltage L1-N Sample #124	float	R		43621
V_L1N_Oscilloscope_125	Star Voltage L1-N Sample #125	float	R		43623
V_L1N_Oscilloscope_126	Star Voltage L1-N Sample #126	float	R		43625
V_L1N_Oscilloscope_127	Star Voltage L1-N Sample #127	float	R		43627
V_L2N_Oscilloscope_0	Star Voltage L2-N Sample #0	float	R		43629
V_L2N_Oscilloscope_1	Star Voltage L2-N Sample #1	float	R		43631
V_L2N_Oscilloscope_2	Star Voltage L2-N Sample #2	float	R		43633
V_L2N_Oscilloscope_3	Star Voltage L2-N Sample #3	float	R		43635
V_L2N_Oscilloscope_4	Star Voltage L2-N Sample #4	float	R		43637
V_L2N_Oscilloscope_5	Star Voltage L2-N Sample #5	float	R		43639
V_L2N_Oscilloscope_6	Star Voltage L2-N Sample #6	float	R		43641
V_L2N_Oscilloscope_7	Star Voltage L2-N Sample #7	float	R		43643
V_L2N_Oscilloscope_8	Star Voltage L2-N Sample #8	float	R		43645
V_L2N_Oscilloscope_9	Star Voltage L2-N Sample #9	float	R		43647
V_L2N_Oscilloscope_10	Star Voltage L2-N Sample #10	float	R		43649
V_L2N_Oscilloscope_11	Star Voltage L2-N Sample #11	float	R		43651
V_L2N_Oscilloscope_12	Star Voltage L2-N Sample #12	float	R		43653
V_L2N_Oscilloscope_13	Star Voltage L2-N Sample #13	float	R		43655
V_L2N_Oscilloscope_14	Star Voltage L2-N Sample #14	float	R		43657
V_L2N_Oscilloscope_15	Star Voltage L2-N Sample #15	float	R		43659
V_L2N_Oscilloscope_16	Star Voltage L2-N Sample #16	float	R		43661
V_L2N_Oscilloscope_17	Star Voltage L2-N Sample #17	float	R		43663
V_L2N_Oscilloscope_18	Star Voltage L2-N Sample #18	float	R		43665
V_L2N_Oscilloscope_19	Star Voltage L2-N Sample #19	float	R		43667
V_L2N_Oscilloscope_20	Star Voltage L2-N Sample #20	float	R		43669
V_L2N_Oscilloscope_21	Star Voltage L2-N Sample #21	float	R		43671
V_L2N_Oscilloscope_22	Star Voltage L2-N Sample #22	float	R		43673
V_L2N_Oscilloscope_23	Star Voltage L2-N Sample #23	float	R		43675
V_L2N_Oscilloscope_24	Star Voltage L2-N Sample #24	float	R		43677
V_L2N_Oscilloscope_25	Star Voltage L2-N Sample #25	float	R		43679
V_L2N_Oscilloscope_26	Star Voltage L2-N Sample #26	float	R		43681
V_L2N_Oscilloscope_27	Star Voltage L2-N Sample #27	float	R		43683
V_L2N_Oscilloscope_28	Star Voltage L2-N Sample #28	float	R		43685
V_L2N_Oscilloscope_29	Star Voltage L2-N Sample #29	float	R		43687
V_L2N_Oscilloscope_30	Star Voltage L2-N Sample #30	float	R		43689
V_L2N_Oscilloscope_31	Star Voltage L2-N Sample #31	float	R		43691
V_L2N_Oscilloscope_32	Star Voltage L2-N Sample #32	float	R		43693
V_L2N_Oscilloscope_33	Star Voltage L2-N Sample #33	float	R		43695
V_L2N_Oscilloscope_34	Star Voltage L2-N Sample #34	float	R		43697
V_L2N_Oscilloscope_35	Star Voltage L2-N Sample #35	float	R		43699
V_L2N_Oscilloscope_36	Star Voltage L2-N Sample #36	float	R		43701
V_L2N_Oscilloscope_37	Star Voltage L2-N Sample #37	float	R		43703
V_L2N_Oscilloscope_38	Star Voltage L2-N Sample #38	float	R		43705
V_L2N_Oscilloscope_39	Star Voltage L2-N Sample #39	float	R		43707
V_L2N_Oscilloscope_40	Star Voltage L2-N Sample #40	float	R		43709
V_L2N_Oscilloscope_41	Star Voltage L2-N Sample #41	float	R		43711
V_L2N_Oscilloscope_42	Star Voltage L2-N Sample #42	float	R		43713
V_L2N_Oscilloscope_43	Star Voltage L2-N Sample #43	float	R		43715
V_L2N_Oscilloscope_44	Star Voltage L2-N Sample #44	float	R		43717
V_L2N_Oscilloscope_45	Star Voltage L2-N Sample #45	float	R		43719
V_L2N_Oscilloscope_46	Star Voltage L2-N Sample #46	float	R		43721
V_L2N_Oscilloscope_47	Star Voltage L2-N Sample #47	float	R		43723
V_L2N_Oscilloscope_48	Star Voltage L2-N Sample #48	float	R		43725
V_L2N_Oscilloscope_49	Star Voltage L2-N Sample #49	float	R		43727
V_L2N_Oscilloscope_50	Star Voltage L2-N Sample #50	float	R		43729
V_L2N_Oscilloscope_51	Star Voltage L2-N Sample #51	float	R		43731
V_L2N_Oscilloscope_52	Star Voltage L2-N Sample #52	float	R		43733
V_L2N_Oscilloscope_53	Star Voltage L2-N Sample #53	float	R		43735
V_L2N_Oscilloscope_54	Star Voltage L2-N Sample #54	float	R		43737
V_L2N_Oscilloscope_55	Star Voltage L2-N Sample #55	float	R		43739
V_L2N_Oscilloscope_56	Star Voltage L2-N Sample #56	float	R		43741
V_L2N_Oscilloscope_57	Star Voltage L2-N Sample #57	float	R		43743
V_L2N_Oscilloscope_58	Star Voltage L2-N Sample #58	float	R		43745
V_L2N_Oscilloscope_59	Star Voltage L2-N Sample #59	float	R		43747
V_L2N_Oscilloscope_60	Star Voltage L2-N Sample #60	float	R		43749
V_L2N_Oscilloscope_61	Star Voltage L2-N Sample #61	float	R		43751
V_L2N_Oscilloscope_62	Star Voltage L2-N Sample #62	float	R		43753
V_L2N_Oscilloscope_63	Star Voltage L2-N Sample #63	float	R		43755
V_L2N_Oscilloscope_64	Star Voltage L2-N Sample #64	float	R		43757
V_L2N_Oscilloscope_65	Star Voltage L2-N Sample #65	float	R		43759
V_L2N_Oscilloscope_66	Star Voltage L2-N Sample #66	float	R		43761
V_L2N_Oscilloscope_67	Star Voltage L2-N Sample #67	float	R		43763
V_L2N_Oscilloscope_68	Star Voltage L2-N Sample #68	float	R		43765
V_L2N_Oscilloscope_69	Star Voltage L2-N Sample #69	float	R		43767
V_L2N_Oscilloscope_70	Star Voltage L2-N Sample #70	float	R		43769
V_L2N_Oscilloscope_71	Star Voltage L2-N Sample #71	float	R		43771
V_L2N_Oscilloscope_72	Star Voltage L2-N Sample #72	float	R		43773
V_L2N_Oscilloscope_73	Star Voltage L2-N Sample #73	float	R		43775
V_L2N_Oscilloscope_74	Star Voltage L2-N Sample #74	float	R		43777
V_L2N_Oscilloscope_75	Star Voltage L2-N Sample #75	float	R		43779
V_L2N_Oscilloscope_76	Star Voltage L2-N Sample #76	float	R		43781
V_L2N_Oscilloscope_77	Star Voltage L2-N Sample #77	float	R		43783
V_L2N_Oscilloscope_78	Star Voltage L2-N Sample #78	float	R		43785
V_L2N_Oscilloscope_79	Star Voltage L2-N Sample #79	float	R		43787
V_L2N_Oscilloscope_80	Star Voltage L2-N Sample #80	float	R		43789
V_L2N_Oscilloscope_81	Star Voltage L2-N Sample #81	float	R		43791
V_L2N_Oscilloscope_82	Star Voltage L2-N Sample #82	float	R		43793
V_L2N_Oscilloscope_83	Star Voltage L2-N Sample #83	float	R		43795
V_L2N_Oscilloscope_84	Star Voltage L2-N Sample #84	float	R		43797
V_L2N_Oscilloscope_85	Star Voltage L2-N Sample #85	float	R		43799
V_L2N_Oscilloscope_86	Star Voltage L2-N Sample #86	float	R		43801
V_L2N_Oscilloscope_87	Star Voltage L2-N Sample #87	float	R		43803
V_L2N_Oscilloscope_88	Star Voltage L2-N Sample #88	float	R		43805
V_L2N_Oscilloscope_89	Star Voltage L2-N Sample #89	float	R		43807
V_L2N_Oscilloscope_90	Star Voltage L2-N Sample #90	float	R		43809
V_L2N_Oscilloscope_91	Star Voltage L2-N Sample #91	float	R		43811
V_L2N_Oscilloscope_92	Star Voltage L2-N Sample #92	float	R		43813
V_L2N_Oscilloscope_93	Star Voltage L2-N Sample #93	float	R		43815
V_L2N_Oscilloscope_94	Star Voltage L2-N Sample #94	float	R		43817
V_L2N_Oscilloscope_95	Star Voltage L2-N Sample #95	float	R		43819
V_L2N_Oscilloscope_96	Star Voltage L2-N Sample #96	float	R		43821
V_L2N_Oscilloscope_97	Star Voltage L2-N Sample #97	float	R		43823
V_L2N_Oscilloscope_98	Star Voltage L2-N Sample #98	float	R		43825
V_L2N_Oscilloscope_99	Star Voltage L2-N Sample #99	float	R		43827

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L2N_Oscilloscope_100	Star Voltage L2-N Sample #100	float	R		43829
V_L2N_Oscilloscope_101	Star Voltage L2-N Sample #101	float	R		43831
V_L2N_Oscilloscope_102	Star Voltage L2-N Sample #102	float	R		43833
V_L2N_Oscilloscope_103	Star Voltage L2-N Sample #103	float	R		43835
V_L2N_Oscilloscope_104	Star Voltage L2-N Sample #104	float	R		43837
V_L2N_Oscilloscope_105	Star Voltage L2-N Sample #105	float	R		43839
V_L2N_Oscilloscope_106	Star Voltage L2-N Sample #106	float	R		43841
V_L2N_Oscilloscope_107	Star Voltage L2-N Sample #107	float	R		43843
V_L2N_Oscilloscope_108	Star Voltage L2-N Sample #108	float	R		43845
V_L2N_Oscilloscope_109	Star Voltage L2-N Sample #109	float	R		43847
V_L2N_Oscilloscope_110	Star Voltage L2-N Sample #110	float	R		43849
V_L2N_Oscilloscope_111	Star Voltage L2-N Sample #111	float	R		43851
V_L2N_Oscilloscope_112	Star Voltage L2-N Sample #112	float	R		43853
V_L2N_Oscilloscope_113	Star Voltage L2-N Sample #113	float	R		43855
V_L2N_Oscilloscope_114	Star Voltage L2-N Sample #114	float	R		43857
V_L2N_Oscilloscope_115	Star Voltage L2-N Sample #115	float	R		43859
V_L2N_Oscilloscope_116	Star Voltage L2-N Sample #116	float	R		43861
V_L2N_Oscilloscope_117	Star Voltage L2-N Sample #117	float	R		43863
V_L2N_Oscilloscope_118	Star Voltage L2-N Sample #118	float	R		43865
V_L2N_Oscilloscope_119	Star Voltage L2-N Sample #119	float	R		43867
V_L2N_Oscilloscope_120	Star Voltage L2-N Sample #120	float	R		43869
V_L2N_Oscilloscope_121	Star Voltage L2-N Sample #121	float	R		43871
V_L2N_Oscilloscope_122	Star Voltage L2-N Sample #122	float	R		43873
V_L2N_Oscilloscope_123	Star Voltage L2-N Sample #123	float	R		43875
V_L2N_Oscilloscope_124	Star Voltage L2-N Sample #124	float	R		43877
V_L2N_Oscilloscope_125	Star Voltage L2-N Sample #125	float	R		43879
V_L2N_Oscilloscope_126	Star Voltage L2-N Sample #126	float	R		43881
V_L2N_Oscilloscope_127	Star Voltage L2-N Sample #127	float	R		43883
V_L3N_Oscilloscope_0	Star Voltage L3-N Sample #0	float	R		43885
V_L3N_Oscilloscope_1	Star Voltage L3-N Sample #1	float	R		43887
V_L3N_Oscilloscope_2	Star Voltage L3-N Sample #2	float	R		43889
V_L3N_Oscilloscope_3	Star Voltage L3-N Sample #3	float	R		43891
V_L3N_Oscilloscope_4	Star Voltage L3-N Sample #4	float	R		43893
V_L3N_Oscilloscope_5	Star Voltage L3-N Sample #5	float	R		43895
V_L3N_Oscilloscope_6	Star Voltage L3-N Sample #6	float	R		43897
V_L3N_Oscilloscope_7	Star Voltage L3-N Sample #7	float	R		43899
V_L3N_Oscilloscope_8	Star Voltage L3-N Sample #8	float	R		43901
V_L3N_Oscilloscope_9	Star Voltage L3-N Sample #9	float	R		43903
V_L3N_Oscilloscope_10	Star Voltage L3-N Sample #10	float	R		43905
V_L3N_Oscilloscope_11	Star Voltage L3-N Sample #11	float	R		43907
V_L3N_Oscilloscope_12	Star Voltage L3-N Sample #12	float	R		43909
V_L3N_Oscilloscope_13	Star Voltage L3-N Sample #13	float	R		43911
V_L3N_Oscilloscope_14	Star Voltage L3-N Sample #14	float	R		43913
V_L3N_Oscilloscope_15	Star Voltage L3-N Sample #15	float	R		43915
V_L3N_Oscilloscope_16	Star Voltage L3-N Sample #16	float	R		43917
V_L3N_Oscilloscope_17	Star Voltage L3-N Sample #17	float	R		43919
V_L3N_Oscilloscope_18	Star Voltage L3-N Sample #18	float	R		43921
V_L3N_Oscilloscope_19	Star Voltage L3-N Sample #19	float	R		43923
V_L3N_Oscilloscope_20	Star Voltage L3-N Sample #20	float	R		43925
V_L3N_Oscilloscope_21	Star Voltage L3-N Sample #21	float	R		43927
V_L3N_Oscilloscope_22	Star Voltage L3-N Sample #22	float	R		43929
V_L3N_Oscilloscope_23	Star Voltage L3-N Sample #23	float	R		43931
V_L3N_Oscilloscope_24	Star Voltage L3-N Sample #24	float	R		43933
V_L3N_Oscilloscope_25	Star Voltage L3-N Sample #25	float	R		43935
V_L3N_Oscilloscope_26	Star Voltage L3-N Sample #26	float	R		43937
V_L3N_Oscilloscope_27	Star Voltage L3-N Sample #27	float	R		43939
V_L3N_Oscilloscope_28	Star Voltage L3-N Sample #28	float	R		43941
V_L3N_Oscilloscope_29	Star Voltage L3-N Sample #29	float	R		43943
V_L3N_Oscilloscope_30	Star Voltage L3-N Sample #30	float	R		43945
V_L3N_Oscilloscope_31	Star Voltage L3-N Sample #31	float	R		43947
V_L3N_Oscilloscope_32	Star Voltage L3-N Sample #32	float	R		43949
V_L3N_Oscilloscope_33	Star Voltage L3-N Sample #33	float	R		43951
V_L3N_Oscilloscope_34	Star Voltage L3-N Sample #34	float	R		43953
V_L3N_Oscilloscope_35	Star Voltage L3-N Sample #35	float	R		43955
V_L3N_Oscilloscope_36	Star Voltage L3-N Sample #36	float	R		43957
V_L3N_Oscilloscope_37	Star Voltage L3-N Sample #37	float	R		43959
V_L3N_Oscilloscope_38	Star Voltage L3-N Sample #38	float	R		43961
V_L3N_Oscilloscope_39	Star Voltage L3-N Sample #39	float	R		43963
V_L3N_Oscilloscope_40	Star Voltage L3-N Sample #40	float	R		43965
V_L3N_Oscilloscope_41	Star Voltage L3-N Sample #41	float	R		43967
V_L3N_Oscilloscope_42	Star Voltage L3-N Sample #42	float	R		43969
V_L3N_Oscilloscope_43	Star Voltage L3-N Sample #43	float	R		43971
V_L3N_Oscilloscope_44	Star Voltage L3-N Sample #44	float	R		43973
V_L3N_Oscilloscope_45	Star Voltage L3-N Sample #45	float	R		43975
V_L3N_Oscilloscope_46	Star Voltage L3-N Sample #46	float	R		43977
V_L3N_Oscilloscope_47	Star Voltage L3-N Sample #47	float	R		43979
V_L3N_Oscilloscope_48	Star Voltage L3-N Sample #48	float	R		43981
V_L3N_Oscilloscope_49	Star Voltage L3-N Sample #49	float	R		43983
V_L3N_Oscilloscope_50	Star Voltage L3-N Sample #50	float	R		43985
V_L3N_Oscilloscope_51	Star Voltage L3-N Sample #51	float	R		43987
V_L3N_Oscilloscope_52	Star Voltage L3-N Sample #52	float	R		43989
V_L3N_Oscilloscope_53	Star Voltage L3-N Sample #53	float	R		43991
V_L3N_Oscilloscope_54	Star Voltage L3-N Sample #54	float	R		43993
V_L3N_Oscilloscope_55	Star Voltage L3-N Sample #55	float	R		43995
V_L3N_Oscilloscope_56	Star Voltage L3-N Sample #56	float	R		43997
V_L3N_Oscilloscope_57	Star Voltage L3-N Sample #57	float	R		43999
V_L3N_Oscilloscope_58	Star Voltage L3-N Sample #58	float	R		44001
V_L3N_Oscilloscope_59	Star Voltage L3-N Sample #59	float	R		44003
V_L3N_Oscilloscope_60	Star Voltage L3-N Sample #60	float	R		44005
V_L3N_Oscilloscope_61	Star Voltage L3-N Sample #61	float	R		44007
V_L3N_Oscilloscope_62	Star Voltage L3-N Sample #62	float	R		44009
V_L3N_Oscilloscope_63	Star Voltage L3-N Sample #63	float	R		44011
V_L3N_Oscilloscope_64	Star Voltage L3-N Sample #64	float	R		44013
V_L3N_Oscilloscope_65	Star Voltage L3-N Sample #65	float	R		44015
V_L3N_Oscilloscope_66	Star Voltage L3-N Sample #66	float	R		44017
V_L3N_Oscilloscope_67	Star Voltage L3-N Sample #67	float	R		44019
V_L3N_Oscilloscope_68	Star Voltage L3-N Sample #68	float	R		44021
V_L3N_Oscilloscope_69	Star Voltage L3-N Sample #69	float	R		44023
V_L3N_Oscilloscope_70	Star Voltage L3-N Sample #70	float	R		44025
V_L3N_Oscilloscope_71	Star Voltage L3-N Sample #71	float	R		44027
V_L3N_Oscilloscope_72	Star Voltage L3-N Sample #72	float	R		44029
V_L3N_Oscilloscope_73	Star Voltage L3-N Sample #73	float	R		44031
V_L3N_Oscilloscope_74	Star Voltage L3-N Sample #74	float	R		44033
V_L3N_Oscilloscope_75	Star Voltage L3-N Sample #75	float	R		44035
V_L3N_Oscilloscope_76	Star Voltage L3-N Sample #76	float	R		44037
V_L3N_Oscilloscope_77	Star Voltage L3-N Sample #77	float	R		44039
V_L3N_Oscilloscope_78	Star Voltage L3-N Sample #78	float	R		44041
V_L3N_Oscilloscope_79	Star Voltage L3-N Sample #79	float	R		44043
V_L3N_Oscilloscope_80	Star Voltage L3-N Sample #80	float	R		44045
V_L3N_Oscilloscope_81	Star Voltage L3-N Sample #81	float	R		44047
V_L3N_Oscilloscope_82	Star Voltage L3-N Sample #82	float	R		44049

	All Versions
	Only in Plus and Professional Versions
	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L3N_Oscilloscope_83	Star Voltage L3-N Sample #83	float	R		44051
V_L3N_Oscilloscope_84	Star Voltage L3-N Sample #84	float	R		44053
V_L3N_Oscilloscope_85	Star Voltage L3-N Sample #85	float	R		44055
V_L3N_Oscilloscope_86	Star Voltage L3-N Sample #86	float	R		44057
V_L3N_Oscilloscope_87	Star Voltage L3-N Sample #87	float	R		44059
V_L3N_Oscilloscope_88	Star Voltage L3-N Sample #88	float	R		44061
V_L3N_Oscilloscope_89	Star Voltage L3-N Sample #89	float	R		44063
V_L3N_Oscilloscope_90	Star Voltage L3-N Sample #90	float	R		44065
V_L3N_Oscilloscope_91	Star Voltage L3-N Sample #91	float	R		44067
V_L3N_Oscilloscope_92	Star Voltage L3-N Sample #92	float	R		44069
V_L3N_Oscilloscope_93	Star Voltage L3-N Sample #93	float	R		44071
V_L3N_Oscilloscope_94	Star Voltage L3-N Sample #94	float	R		44073
V_L3N_Oscilloscope_95	Star Voltage L3-N Sample #95	float	R		44075
V_L3N_Oscilloscope_96	Star Voltage L3-N Sample #96	float	R		44077
V_L3N_Oscilloscope_97	Star Voltage L3-N Sample #97	float	R		44079
V_L3N_Oscilloscope_98	Star Voltage L3-N Sample #98	float	R		44081
V_L3N_Oscilloscope_99	Star Voltage L3-N Sample #99	float	R		44083
V_L3N_Oscilloscope_100	Star Voltage L3-N Sample #100	float	R		44085
V_L3N_Oscilloscope_101	Star Voltage L3-N Sample #101	float	R		44087
V_L3N_Oscilloscope_102	Star Voltage L3-N Sample #102	float	R		44089
V_L3N_Oscilloscope_103	Star Voltage L3-N Sample #103	float	R		44091
V_L3N_Oscilloscope_104	Star Voltage L3-N Sample #104	float	R		44093
V_L3N_Oscilloscope_105	Star Voltage L3-N Sample #105	float	R		44095
V_L3N_Oscilloscope_106	Star Voltage L3-N Sample #106	float	R		44097
V_L3N_Oscilloscope_107	Star Voltage L3-N Sample #107	float	R		44099
V_L3N_Oscilloscope_108	Star Voltage L3-N Sample #108	float	R		44101
V_L3N_Oscilloscope_109	Star Voltage L3-N Sample #109	float	R		44103
V_L3N_Oscilloscope_110	Star Voltage L3-N Sample #110	float	R		44105
V_L3N_Oscilloscope_111	Star Voltage L3-N Sample #111	float	R		44107
V_L3N_Oscilloscope_112	Star Voltage L3-N Sample #112	float	R		44109
V_L3N_Oscilloscope_113	Star Voltage L3-N Sample #113	float	R		44111
V_L3N_Oscilloscope_114	Star Voltage L3-N Sample #114	float	R		44113
V_L3N_Oscilloscope_115	Star Voltage L3-N Sample #115	float	R		44115
V_L3N_Oscilloscope_116	Star Voltage L3-N Sample #116	float	R		44117
V_L3N_Oscilloscope_117	Star Voltage L3-N Sample #117	float	R		44119
V_L3N_Oscilloscope_118	Star Voltage L3-N Sample #118	float	R		44121
V_L3N_Oscilloscope_119	Star Voltage L3-N Sample #119	float	R		44123
V_L3N_Oscilloscope_120	Star Voltage L3-N Sample #120	float	R		44125
V_L3N_Oscilloscope_121	Star Voltage L3-N Sample #121	float	R		44127
V_L3N_Oscilloscope_122	Star Voltage L3-N Sample #122	float	R		44129
V_L3N_Oscilloscope_123	Star Voltage L3-N Sample #123	float	R		44131
V_L3N_Oscilloscope_124	Star Voltage L3-N Sample #124	float	R		44133
V_L3N_Oscilloscope_125	Star Voltage L3-N Sample #125	float	R		44135
V_L3N_Oscilloscope_126	Star Voltage L3-N Sample #126	float	R		44137
V_L3N_Oscilloscope_127	Star Voltage L3-N Sample #127	float	R		44139
V_L12_Oscilloscope_0	Line Voltage L1-L2 Sample #0	float	R		44141
V_L12_Oscilloscope_1	Line Voltage L1-L2 Sample #1	float	R		44143
V_L12_Oscilloscope_2	Line Voltage L1-L2 Sample #2	float	R		44145
V_L12_Oscilloscope_3	Line Voltage L1-L2 Sample #3	float	R		44147
V_L12_Oscilloscope_4	Line Voltage L1-L2 Sample #4	float	R		44149
V_L12_Oscilloscope_5	Line Voltage L1-L2 Sample #5	float	R		44151
V_L12_Oscilloscope_6	Line Voltage L1-L2 Sample #6	float	R		44153
V_L12_Oscilloscope_7	Line Voltage L1-L2 Sample #7	float	R		44155
V_L12_Oscilloscope_8	Line Voltage L1-L2 Sample #8	float	R		44157
V_L12_Oscilloscope_9	Line Voltage L1-L2 Sample #9	float	R		44159
V_L12_Oscilloscope_10	Line Voltage L1-L2 Sample #10	float	R		44161
V_L12_Oscilloscope_11	Line Voltage L1-L2 Sample #11	float	R		44163
V_L12_Oscilloscope_12	Line Voltage L1-L2 Sample #12	float	R		44165
V_L12_Oscilloscope_13	Line Voltage L1-L2 Sample #13	float	R		44167
V_L12_Oscilloscope_14	Line Voltage L1-L2 Sample #14	float	R		44169
V_L12_Oscilloscope_15	Line Voltage L1-L2 Sample #15	float	R		44171
V_L12_Oscilloscope_16	Line Voltage L1-L2 Sample #16	float	R		44173
V_L12_Oscilloscope_17	Line Voltage L1-L2 Sample #17	float	R		44175
V_L12_Oscilloscope_18	Line Voltage L1-L2 Sample #18	float	R		44177
V_L12_Oscilloscope_19	Line Voltage L1-L2 Sample #19	float	R		44179
V_L12_Oscilloscope_20	Line Voltage L1-L2 Sample #20	float	R		44181
V_L12_Oscilloscope_21	Line Voltage L1-L2 Sample #21	float	R		44183
V_L12_Oscilloscope_22	Line Voltage L1-L2 Sample #22	float	R		44185
V_L12_Oscilloscope_23	Line Voltage L1-L2 Sample #23	float	R		44187
V_L12_Oscilloscope_24	Line Voltage L1-L2 Sample #24	float	R		44189
V_L12_Oscilloscope_25	Line Voltage L1-L2 Sample #25	float	R		44191
V_L12_Oscilloscope_26	Line Voltage L1-L2 Sample #26	float	R		44193
V_L12_Oscilloscope_27	Line Voltage L1-L2 Sample #27	float	R		44195
V_L12_Oscilloscope_28	Line Voltage L1-L2 Sample #28	float	R		44197
V_L12_Oscilloscope_29	Line Voltage L1-L2 Sample #29	float	R		44199
V_L12_Oscilloscope_30	Line Voltage L1-L2 Sample #30	float	R		44201
V_L12_Oscilloscope_31	Line Voltage L1-L2 Sample #31	float	R		44203
V_L12_Oscilloscope_32	Line Voltage L1-L2 Sample #32	float	R		44205
V_L12_Oscilloscope_33	Line Voltage L1-L2 Sample #33	float	R		44207
V_L12_Oscilloscope_34	Line Voltage L1-L2 Sample #34	float	R		44209
V_L12_Oscilloscope_35	Line Voltage L1-L2 Sample #35	float	R		44211
V_L12_Oscilloscope_36	Line Voltage L1-L2 Sample #36	float	R		44213
V_L12_Oscilloscope_37	Line Voltage L1-L2 Sample #37	float	R		44215
V_L12_Oscilloscope_38	Line Voltage L1-L2 Sample #38	float	R		44217
V_L12_Oscilloscope_39	Line Voltage L1-L2 Sample #39	float	R		44219
V_L12_Oscilloscope_40	Line Voltage L1-L2 Sample #40	float	R		44221
V_L12_Oscilloscope_41	Line Voltage L1-L2 Sample #41	float	R		44223
V_L12_Oscilloscope_42	Line Voltage L1-L2 Sample #42	float	R		44225
V_L12_Oscilloscope_43	Line Voltage L1-L2 Sample #43	float	R		44227
V_L12_Oscilloscope_44	Line Voltage L1-L2 Sample #44	float	R		44229
V_L12_Oscilloscope_45	Line Voltage L1-L2 Sample #45	float	R		44231
V_L12_Oscilloscope_46	Line Voltage L1-L2 Sample #46	float	R		44233
V_L12_Oscilloscope_47	Line Voltage L1-L2 Sample #47	float	R		44235
V_L12_Oscilloscope_48	Line Voltage L1-L2 Sample #48	float	R		44237
V_L12_Oscilloscope_49	Line Voltage L1-L2 Sample #49	float	R		44239
V_L12_Oscilloscope_50	Line Voltage L1-L2 Sample #50	float	R		44241
V_L12_Oscilloscope_51	Line Voltage L1-L2 Sample #51	float	R		44243
V_L12_Oscilloscope_52	Line Voltage L1-L2 Sample #52	float	R		44245
V_L12_Oscilloscope_53	Line Voltage L1-L2 Sample #53	float	R		44247
V_L12_Oscilloscope_54	Line Voltage L1-L2 Sample #54	float	R		44249
V_L12_Oscilloscope_55	Line Voltage L1-L2 Sample #55	float	R		44251
V_L12_Oscilloscope_56	Line Voltage L1-L2 Sample #56	float	R		44253
V_L12_Oscilloscope_57	Line Voltage L1-L2 Sample #57	float	R		44255
V_L12_Oscilloscope_58	Line Voltage L1-L2 Sample #58	float	R		44257
V_L12_Oscilloscope_59	Line Voltage L1-L2 Sample #59	float	R		44259
V_L12_Oscilloscope_60	Line Voltage L1-L2 Sample #60	float	R		44261
V_L12_Oscilloscope_61	Line Voltage L1-L2 Sample #61	float	R		44263
V_L12_Oscilloscope_62	Line Voltage L1-L2 Sample #62	float	R		44265
V_L12_Oscilloscope_63	Line Voltage L1-L2 Sample #63	float	R		44267
V_L12_Oscilloscope_64	Line Voltage L1-L2 Sample #64	float	R		44269
V_L12_Oscilloscope_65	Line Voltage L1-L2 Sample #65	float	R		44271

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L12_Oscilloscope_66	Line Voltage L1-L2 Sample #66	float	R		44273
V_L12_Oscilloscope_67	Line Voltage L1-L2 Sample #67	float	R		44275
V_L12_Oscilloscope_68	Line Voltage L1-L2 Sample #68	float	R		44277
V_L12_Oscilloscope_69	Line Voltage L1-L2 Sample #69	float	R		44279
V_L12_Oscilloscope_70	Line Voltage L1-L2 Sample #70	float	R		44281
V_L12_Oscilloscope_71	Line Voltage L1-L2 Sample #71	float	R		44283
V_L12_Oscilloscope_72	Line Voltage L1-L2 Sample #72	float	R		44285
V_L12_Oscilloscope_73	Line Voltage L1-L2 Sample #73	float	R		44287
V_L12_Oscilloscope_74	Line Voltage L1-L2 Sample #74	float	R		44289
V_L12_Oscilloscope_75	Line Voltage L1-L2 Sample #75	float	R		44291
V_L12_Oscilloscope_76	Line Voltage L1-L2 Sample #76	float	R		44293
V_L12_Oscilloscope_77	Line Voltage L1-L2 Sample #77	float	R		44295
V_L12_Oscilloscope_78	Line Voltage L1-L2 Sample #78	float	R		44297
V_L12_Oscilloscope_79	Line Voltage L1-L2 Sample #79	float	R		44299
V_L12_Oscilloscope_80	Line Voltage L1-L2 Sample #80	float	R		44301
V_L12_Oscilloscope_81	Line Voltage L1-L2 Sample #81	float	R		44303
V_L12_Oscilloscope_82	Line Voltage L1-L2 Sample #82	float	R		44305
V_L12_Oscilloscope_83	Line Voltage L1-L2 Sample #83	float	R		44307
V_L12_Oscilloscope_84	Line Voltage L1-L2 Sample #84	float	R		44309
V_L12_Oscilloscope_85	Line Voltage L1-L2 Sample #85	float	R		44311
V_L12_Oscilloscope_86	Line Voltage L1-L2 Sample #86	float	R		44313
V_L12_Oscilloscope_87	Line Voltage L1-L2 Sample #87	float	R		44315
V_L12_Oscilloscope_88	Line Voltage L1-L2 Sample #88	float	R		44317
V_L12_Oscilloscope_89	Line Voltage L1-L2 Sample #89	float	R		44319
V_L12_Oscilloscope_90	Line Voltage L1-L2 Sample #90	float	R		44321
V_L12_Oscilloscope_91	Line Voltage L1-L2 Sample #91	float	R		44323
V_L12_Oscilloscope_92	Line Voltage L1-L2 Sample #92	float	R		44325
V_L12_Oscilloscope_93	Line Voltage L1-L2 Sample #93	float	R		44327
V_L12_Oscilloscope_94	Line Voltage L1-L2 Sample #94	float	R		44329
V_L12_Oscilloscope_95	Line Voltage L1-L2 Sample #95	float	R		44331
V_L12_Oscilloscope_96	Line Voltage L1-L2 Sample #96	float	R		44333
V_L12_Oscilloscope_97	Line Voltage L1-L2 Sample #97	float	R		44335
V_L12_Oscilloscope_98	Line Voltage L1-L2 Sample #98	float	R		44337
V_L12_Oscilloscope_99	Line Voltage L1-L2 Sample #99	float	R		44339
V_L12_Oscilloscope_100	Line Voltage L1-L2 Sample #100	float	R		44341
V_L12_Oscilloscope_101	Line Voltage L1-L2 Sample #101	float	R		44343
V_L12_Oscilloscope_102	Line Voltage L1-L2 Sample #102	float	R		44345
V_L12_Oscilloscope_103	Line Voltage L1-L2 Sample #103	float	R		44347
V_L12_Oscilloscope_104	Line Voltage L1-L2 Sample #104	float	R		44349
V_L12_Oscilloscope_105	Line Voltage L1-L2 Sample #105	float	R		44351
V_L12_Oscilloscope_106	Line Voltage L1-L2 Sample #106	float	R		44353
V_L12_Oscilloscope_107	Line Voltage L1-L2 Sample #107	float	R		44355
V_L12_Oscilloscope_108	Line Voltage L1-L2 Sample #108	float	R		44357
V_L12_Oscilloscope_109	Line Voltage L1-L2 Sample #109	float	R		44359
V_L12_Oscilloscope_110	Line Voltage L1-L2 Sample #110	float	R		44361
V_L12_Oscilloscope_111	Line Voltage L1-L2 Sample #111	float	R		44363
V_L12_Oscilloscope_112	Line Voltage L1-L2 Sample #112	float	R		44365
V_L12_Oscilloscope_113	Line Voltage L1-L2 Sample #113	float	R		44367
V_L12_Oscilloscope_114	Line Voltage L1-L2 Sample #114	float	R		44369
V_L12_Oscilloscope_115	Line Voltage L1-L2 Sample #115	float	R		44371
V_L12_Oscilloscope_116	Line Voltage L1-L2 Sample #116	float	R		44373
V_L12_Oscilloscope_117	Line Voltage L1-L2 Sample #117	float	R		44375
V_L12_Oscilloscope_118	Line Voltage L1-L2 Sample #118	float	R		44377
V_L12_Oscilloscope_119	Line Voltage L1-L2 Sample #119	float	R		44379
V_L12_Oscilloscope_120	Line Voltage L1-L2 Sample #120	float	R		44381
V_L12_Oscilloscope_121	Line Voltage L1-L2 Sample #121	float	R		44383
V_L12_Oscilloscope_122	Line Voltage L1-L2 Sample #122	float	R		44385
V_L12_Oscilloscope_123	Line Voltage L1-L2 Sample #123	float	R		44387
V_L12_Oscilloscope_124	Line Voltage L1-L2 Sample #124	float	R		44389
V_L12_Oscilloscope_125	Line Voltage L1-L2 Sample #125	float	R		44391
V_L12_Oscilloscope_126	Line Voltage L1-L2 Sample #126	float	R		44393
V_L12_Oscilloscope_127	Line Voltage L1-L2 Sample #127	float	R		44395
V_L23_Oscilloscope_0	Line Voltage L2-L3 Sample #0	float	R		44397
V_L23_Oscilloscope_1	Line Voltage L2-L3 Sample #1	float	R		44399
V_L23_Oscilloscope_2	Line Voltage L2-L3 Sample #2	float	R		44401
V_L23_Oscilloscope_3	Line Voltage L2-L3 Sample #3	float	R		44403
V_L23_Oscilloscope_4	Line Voltage L2-L3 Sample #4	float	R		44405
V_L23_Oscilloscope_5	Line Voltage L2-L3 Sample #5	float	R		44407
V_L23_Oscilloscope_6	Line Voltage L2-L3 Sample #6	float	R		44409
V_L23_Oscilloscope_7	Line Voltage L2-L3 Sample #7	float	R		44411
V_L23_Oscilloscope_8	Line Voltage L2-L3 Sample #8	float	R		44413
V_L23_Oscilloscope_9	Line Voltage L2-L3 Sample #9	float	R		44415
V_L23_Oscilloscope_10	Line Voltage L2-L3 Sample #10	float	R		44417
V_L23_Oscilloscope_11	Line Voltage L2-L3 Sample #11	float	R		44419
V_L23_Oscilloscope_12	Line Voltage L2-L3 Sample #12	float	R		44421
V_L23_Oscilloscope_13	Line Voltage L2-L3 Sample #13	float	R		44423
V_L23_Oscilloscope_14	Line Voltage L2-L3 Sample #14	float	R		44425
V_L23_Oscilloscope_15	Line Voltage L2-L3 Sample #15	float	R		44427
V_L23_Oscilloscope_16	Line Voltage L2-L3 Sample #16	float	R		44429
V_L23_Oscilloscope_17	Line Voltage L2-L3 Sample #17	float	R		44431
V_L23_Oscilloscope_18	Line Voltage L2-L3 Sample #18	float	R		44433
V_L23_Oscilloscope_19	Line Voltage L2-L3 Sample #19	float	R		44435
V_L23_Oscilloscope_20	Line Voltage L2-L3 Sample #20	float	R		44437
V_L23_Oscilloscope_21	Line Voltage L2-L3 Sample #21	float	R		44439
V_L23_Oscilloscope_22	Line Voltage L2-L3 Sample #22	float	R		44441
V_L23_Oscilloscope_23	Line Voltage L2-L3 Sample #23	float	R		44443
V_L23_Oscilloscope_24	Line Voltage L2-L3 Sample #24	float	R		44445
V_L23_Oscilloscope_25	Line Voltage L2-L3 Sample #25	float	R		44447
V_L23_Oscilloscope_26	Line Voltage L2-L3 Sample #26	float	R		44449
V_L23_Oscilloscope_27	Line Voltage L2-L3 Sample #27	float	R		44451
V_L23_Oscilloscope_28	Line Voltage L2-L3 Sample #28	float	R		44453
V_L23_Oscilloscope_29	Line Voltage L2-L3 Sample #29	float	R		44455
V_L23_Oscilloscope_30	Line Voltage L2-L3 Sample #30	float	R		44457
V_L23_Oscilloscope_31	Line Voltage L2-L3 Sample #31	float	R		44459
V_L23_Oscilloscope_32	Line Voltage L2-L3 Sample #32	float	R		44461
V_L23_Oscilloscope_33	Line Voltage L2-L3 Sample #33	float	R		44463
V_L23_Oscilloscope_34	Line Voltage L2-L3 Sample #34	float	R		44465
V_L23_Oscilloscope_35	Line Voltage L2-L3 Sample #35	float	R		44467
V_L23_Oscilloscope_36	Line Voltage L2-L3 Sample #36	float	R		44469
V_L23_Oscilloscope_37	Line Voltage L2-L3 Sample #37	float	R		44471
V_L23_Oscilloscope_38	Line Voltage L2-L3 Sample #38	float	R		44473
V_L23_Oscilloscope_39	Line Voltage L2-L3 Sample #39	float	R		44475
V_L23_Oscilloscope_40	Line Voltage L2-L3 Sample #40	float	R		44477
V_L23_Oscilloscope_41	Line Voltage L2-L3 Sample #41	float	R		44479
V_L23_Oscilloscope_42	Line Voltage L2-L3 Sample #42	float	R		44481
V_L23_Oscilloscope_43	Line Voltage L2-L3 Sample #43	float	R		44483
V_L23_Oscilloscope_44	Line Voltage L2-L3 Sample #44	float	R		44485
V_L23_Oscilloscope_45	Line Voltage L2-L3 Sample #45	float	R		44487
V_L23_Oscilloscope_46	Line Voltage L2-L3 Sample #46	float	R		44489
V_L23_Oscilloscope_47	Line Voltage L2-L3 Sample #47	float	R		44491
V_L23_Oscilloscope_48	Line Voltage L2-L3 Sample #48	float	R		44493

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Only in Plus and Professional Versions

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Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L23_Oscilloscope_49	Line Voltage L2-L3 Sample #49	float	R		44495
V_L23_Oscilloscope_50	Line Voltage L2-L3 Sample #50	float	R		44497
V_L23_Oscilloscope_51	Line Voltage L2-L3 Sample #51	float	R		44499
V_L23_Oscilloscope_52	Line Voltage L2-L3 Sample #52	float	R		44501
V_L23_Oscilloscope_53	Line Voltage L2-L3 Sample #53	float	R		44503
V_L23_Oscilloscope_54	Line Voltage L2-L3 Sample #54	float	R		44505
V_L23_Oscilloscope_55	Line Voltage L2-L3 Sample #55	float	R		44507
V_L23_Oscilloscope_56	Line Voltage L2-L3 Sample #56	float	R		44509
V_L23_Oscilloscope_57	Line Voltage L2-L3 Sample #57	float	R		44511
V_L23_Oscilloscope_58	Line Voltage L2-L3 Sample #58	float	R		44513
V_L23_Oscilloscope_59	Line Voltage L2-L3 Sample #59	float	R		44515
V_L23_Oscilloscope_60	Line Voltage L2-L3 Sample #60	float	R		44517
V_L23_Oscilloscope_61	Line Voltage L2-L3 Sample #61	float	R		44519
V_L23_Oscilloscope_62	Line Voltage L2-L3 Sample #62	float	R		44521
V_L23_Oscilloscope_63	Line Voltage L2-L3 Sample #63	float	R		44523
V_L23_Oscilloscope_64	Line Voltage L2-L3 Sample #64	float	R		44525
V_L23_Oscilloscope_65	Line Voltage L2-L3 Sample #65	float	R		44527
V_L23_Oscilloscope_66	Line Voltage L2-L3 Sample #66	float	R		44529
V_L23_Oscilloscope_67	Line Voltage L2-L3 Sample #67	float	R		44531
V_L23_Oscilloscope_68	Line Voltage L2-L3 Sample #68	float	R		44533
V_L23_Oscilloscope_69	Line Voltage L2-L3 Sample #69	float	R		44535
V_L23_Oscilloscope_70	Line Voltage L2-L3 Sample #70	float	R		44537
V_L23_Oscilloscope_71	Line Voltage L2-L3 Sample #71	float	R		44539
V_L23_Oscilloscope_72	Line Voltage L2-L3 Sample #72	float	R		44541
V_L23_Oscilloscope_73	Line Voltage L2-L3 Sample #73	float	R		44543
V_L23_Oscilloscope_74	Line Voltage L2-L3 Sample #74	float	R		44545
V_L23_Oscilloscope_75	Line Voltage L2-L3 Sample #75	float	R		44547
V_L23_Oscilloscope_76	Line Voltage L2-L3 Sample #76	float	R		44549
V_L23_Oscilloscope_77	Line Voltage L2-L3 Sample #77	float	R		44551
V_L23_Oscilloscope_78	Line Voltage L2-L3 Sample #78	float	R		44553
V_L23_Oscilloscope_79	Line Voltage L2-L3 Sample #79	float	R		44555
V_L23_Oscilloscope_80	Line Voltage L2-L3 Sample #80	float	R		44557
V_L23_Oscilloscope_81	Line Voltage L2-L3 Sample #81	float	R		44559
V_L23_Oscilloscope_82	Line Voltage L2-L3 Sample #82	float	R		44561
V_L23_Oscilloscope_83	Line Voltage L2-L3 Sample #83	float	R		44563
V_L23_Oscilloscope_84	Line Voltage L2-L3 Sample #84	float	R		44565
V_L23_Oscilloscope_85	Line Voltage L2-L3 Sample #85	float	R		44567
V_L23_Oscilloscope_86	Line Voltage L2-L3 Sample #86	float	R		44569
V_L23_Oscilloscope_87	Line Voltage L2-L3 Sample #87	float	R		44571
V_L23_Oscilloscope_88	Line Voltage L2-L3 Sample #88	float	R		44573
V_L23_Oscilloscope_89	Line Voltage L2-L3 Sample #89	float	R		44575
V_L23_Oscilloscope_90	Line Voltage L2-L3 Sample #90	float	R		44577
V_L23_Oscilloscope_91	Line Voltage L2-L3 Sample #91	float	R		44579
V_L23_Oscilloscope_92	Line Voltage L2-L3 Sample #92	float	R		44581
V_L23_Oscilloscope_93	Line Voltage L2-L3 Sample #93	float	R		44583
V_L23_Oscilloscope_94	Line Voltage L2-L3 Sample #94	float	R		44585
V_L23_Oscilloscope_95	Line Voltage L2-L3 Sample #95	float	R		44587
V_L23_Oscilloscope_96	Line Voltage L2-L3 Sample #96	float	R		44589
V_L23_Oscilloscope_97	Line Voltage L2-L3 Sample #97	float	R		44591
V_L23_Oscilloscope_98	Line Voltage L2-L3 Sample #98	float	R		44593
V_L23_Oscilloscope_99	Line Voltage L2-L3 Sample #99	float	R		44595
V_L23_Oscilloscope_100	Line Voltage L2-L3 Sample #100	float	R		44597
V_L23_Oscilloscope_101	Line Voltage L2-L3 Sample #101	float	R		44599
V_L23_Oscilloscope_102	Line Voltage L2-L3 Sample #102	float	R		44601
V_L23_Oscilloscope_103	Line Voltage L2-L3 Sample #103	float	R		44603
V_L23_Oscilloscope_104	Line Voltage L2-L3 Sample #104	float	R		44605
V_L23_Oscilloscope_105	Line Voltage L2-L3 Sample #105	float	R		44607
V_L23_Oscilloscope_106	Line Voltage L2-L3 Sample #106	float	R		44609
V_L23_Oscilloscope_107	Line Voltage L2-L3 Sample #107	float	R		44611
V_L23_Oscilloscope_108	Line Voltage L2-L3 Sample #108	float	R		44613
V_L23_Oscilloscope_109	Line Voltage L2-L3 Sample #109	float	R		44615
V_L23_Oscilloscope_110	Line Voltage L2-L3 Sample #110	float	R		44617
V_L23_Oscilloscope_111	Line Voltage L2-L3 Sample #111	float	R		44619
V_L23_Oscilloscope_112	Line Voltage L2-L3 Sample #112	float	R		44621
V_L23_Oscilloscope_113	Line Voltage L2-L3 Sample #113	float	R		44623
V_L23_Oscilloscope_114	Line Voltage L2-L3 Sample #114	float	R		44625
V_L23_Oscilloscope_115	Line Voltage L2-L3 Sample #115	float	R		44627
V_L23_Oscilloscope_116	Line Voltage L2-L3 Sample #116	float	R		44629
V_L23_Oscilloscope_117	Line Voltage L2-L3 Sample #117	float	R		44631
V_L23_Oscilloscope_118	Line Voltage L2-L3 Sample #118	float	R		44633
V_L23_Oscilloscope_119	Line Voltage L2-L3 Sample #119	float	R		44635
V_L23_Oscilloscope_120	Line Voltage L2-L3 Sample #120	float	R		44637
V_L23_Oscilloscope_121	Line Voltage L2-L3 Sample #121	float	R		44639
V_L23_Oscilloscope_122	Line Voltage L2-L3 Sample #122	float	R		44641
V_L23_Oscilloscope_123	Line Voltage L2-L3 Sample #123	float	R		44643
V_L23_Oscilloscope_124	Line Voltage L2-L3 Sample #124	float	R		44645
V_L23_Oscilloscope_125	Line Voltage L2-L3 Sample #125	float	R		44647
V_L23_Oscilloscope_126	Line Voltage L2-L3 Sample #126	float	R		44649
V_L23_Oscilloscope_127	Line Voltage L2-L3 Sample #127	float	R		44651
V_L31_Oscilloscope_0	Line Voltage L3-L1 Sample #0	float	R		44653
V_L31_Oscilloscope_1	Line Voltage L3-L1 Sample #1	float	R		44655
V_L31_Oscilloscope_2	Line Voltage L3-L1 Sample #2	float	R		44657
V_L31_Oscilloscope_3	Line Voltage L3-L1 Sample #3	float	R		44659
V_L31_Oscilloscope_4	Line Voltage L3-L1 Sample #4	float	R		44661
V_L31_Oscilloscope_5	Line Voltage L3-L1 Sample #5	float	R		44663
V_L31_Oscilloscope_6	Line Voltage L3-L1 Sample #6	float	R		44665
V_L31_Oscilloscope_7	Line Voltage L3-L1 Sample #7	float	R		44667
V_L31_Oscilloscope_8	Line Voltage L3-L1 Sample #8	float	R		44669
V_L31_Oscilloscope_9	Line Voltage L3-L1 Sample #9	float	R		44671
V_L31_Oscilloscope_10	Line Voltage L3-L1 Sample #10	float	R		44673
V_L31_Oscilloscope_11	Line Voltage L3-L1 Sample #11	float	R		44675
V_L31_Oscilloscope_12	Line Voltage L3-L1 Sample #12	float	R		44677
V_L31_Oscilloscope_13	Line Voltage L3-L1 Sample #13	float	R		44679
V_L31_Oscilloscope_14	Line Voltage L3-L1 Sample #14	float	R		44681
V_L31_Oscilloscope_15	Line Voltage L3-L1 Sample #15	float	R		44683
V_L31_Oscilloscope_16	Line Voltage L3-L1 Sample #16	float	R		44685
V_L31_Oscilloscope_17	Line Voltage L3-L1 Sample #17	float	R		44687
V_L31_Oscilloscope_18	Line Voltage L3-L1 Sample #18	float	R		44689
V_L31_Oscilloscope_19	Line Voltage L3-L1 Sample #19	float	R		44691
V_L31_Oscilloscope_20	Line Voltage L3-L1 Sample #20	float	R		44693
V_L31_Oscilloscope_21	Line Voltage L3-L1 Sample #21	float	R		44695
V_L31_Oscilloscope_22	Line Voltage L3-L1 Sample #22	float	R		44697
V_L31_Oscilloscope_23	Line Voltage L3-L1 Sample #23	float	R		44699
V_L31_Oscilloscope_24	Line Voltage L3-L1 Sample #24	float	R		44701
V_L31_Oscilloscope_25	Line Voltage L3-L1 Sample #25	float	R		44703
V_L31_Oscilloscope_26	Line Voltage L3-L1 Sample #26	float	R		44705
V_L31_Oscilloscope_27	Line Voltage L3-L1 Sample #27	float	R		44707
V_L31_Oscilloscope_28	Line Voltage L3-L1 Sample #28	float	R		44709
V_L31_Oscilloscope_29	Line Voltage L3-L1 Sample #29	float	R		44711
V_L31_Oscilloscope_30	Line Voltage L3-L1 Sample #30	float	R		44713
V_L31_Oscilloscope_31	Line Voltage L3-L1 Sample #31	float	R		44715

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	Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
V_L31_Oscilloscope_32	Line Voltage L3-L1 Sample #32	float	R		44717
V_L31_Oscilloscope_33	Line Voltage L3-L1 Sample #33	float	R		44719
V_L31_Oscilloscope_34	Line Voltage L3-L1 Sample #34	float	R		44721
V_L31_Oscilloscope_35	Line Voltage L3-L1 Sample #35	float	R		44723
V_L31_Oscilloscope_36	Line Voltage L3-L1 Sample #36	float	R		44725
V_L31_Oscilloscope_37	Line Voltage L3-L1 Sample #37	float	R		44727
V_L31_Oscilloscope_38	Line Voltage L3-L1 Sample #38	float	R		44729
V_L31_Oscilloscope_39	Line Voltage L3-L1 Sample #39	float	R		44731
V_L31_Oscilloscope_40	Line Voltage L3-L1 Sample #40	float	R		44733
V_L31_Oscilloscope_41	Line Voltage L3-L1 Sample #41	float	R		44735
V_L31_Oscilloscope_42	Line Voltage L3-L1 Sample #42	float	R		44737
V_L31_Oscilloscope_43	Line Voltage L3-L1 Sample #43	float	R		44739
V_L31_Oscilloscope_44	Line Voltage L3-L1 Sample #44	float	R		44741
V_L31_Oscilloscope_45	Line Voltage L3-L1 Sample #45	float	R		44743
V_L31_Oscilloscope_46	Line Voltage L3-L1 Sample #46	float	R		44745
V_L31_Oscilloscope_47	Line Voltage L3-L1 Sample #47	float	R		44747
V_L31_Oscilloscope_48	Line Voltage L3-L1 Sample #48	float	R		44749
V_L31_Oscilloscope_49	Line Voltage L3-L1 Sample #49	float	R		44751
V_L31_Oscilloscope_50	Line Voltage L3-L1 Sample #50	float	R		44753
V_L31_Oscilloscope_51	Line Voltage L3-L1 Sample #51	float	R		44755
V_L31_Oscilloscope_52	Line Voltage L3-L1 Sample #52	float	R		44757
V_L31_Oscilloscope_53	Line Voltage L3-L1 Sample #53	float	R		44759
V_L31_Oscilloscope_54	Line Voltage L3-L1 Sample #54	float	R		44761
V_L31_Oscilloscope_55	Line Voltage L3-L1 Sample #55	float	R		44763
V_L31_Oscilloscope_56	Line Voltage L3-L1 Sample #56	float	R		44765
V_L31_Oscilloscope_57	Line Voltage L3-L1 Sample #57	float	R		44767
V_L31_Oscilloscope_58	Line Voltage L3-L1 Sample #58	float	R		44769
V_L31_Oscilloscope_59	Line Voltage L3-L1 Sample #59	float	R		44771
V_L31_Oscilloscope_60	Line Voltage L3-L1 Sample #60	float	R		44773
V_L31_Oscilloscope_61	Line Voltage L3-L1 Sample #61	float	R		44775
V_L31_Oscilloscope_62	Line Voltage L3-L1 Sample #62	float	R		44777
V_L31_Oscilloscope_63	Line Voltage L3-L1 Sample #63	float	R		44779
V_L31_Oscilloscope_64	Line Voltage L3-L1 Sample #64	float	R		44781
V_L31_Oscilloscope_65	Line Voltage L3-L1 Sample #65	float	R		44783
V_L31_Oscilloscope_66	Line Voltage L3-L1 Sample #66	float	R		44785
V_L31_Oscilloscope_67	Line Voltage L3-L1 Sample #67	float	R		44787
V_L31_Oscilloscope_68	Line Voltage L3-L1 Sample #68	float	R		44789
V_L31_Oscilloscope_69	Line Voltage L3-L1 Sample #69	float	R		44791
V_L31_Oscilloscope_70	Line Voltage L3-L1 Sample #70	float	R		44793
V_L31_Oscilloscope_71	Line Voltage L3-L1 Sample #71	float	R		44795
V_L31_Oscilloscope_72	Line Voltage L3-L1 Sample #72	float	R		44797
V_L31_Oscilloscope_73	Line Voltage L3-L1 Sample #73	float	R		44799
V_L31_Oscilloscope_74	Line Voltage L3-L1 Sample #74	float	R		44801
V_L31_Oscilloscope_75	Line Voltage L3-L1 Sample #75	float	R		44803
V_L31_Oscilloscope_76	Line Voltage L3-L1 Sample #76	float	R		44805
V_L31_Oscilloscope_77	Line Voltage L3-L1 Sample #77	float	R		44807
V_L31_Oscilloscope_78	Line Voltage L3-L1 Sample #78	float	R		44809
V_L31_Oscilloscope_79	Line Voltage L3-L1 Sample #79	float	R		44811
V_L31_Oscilloscope_80	Line Voltage L3-L1 Sample #80	float	R		44813
V_L31_Oscilloscope_81	Line Voltage L3-L1 Sample #81	float	R		44815
V_L31_Oscilloscope_82	Line Voltage L3-L1 Sample #82	float	R		44817
V_L31_Oscilloscope_83	Line Voltage L3-L1 Sample #83	float	R		44819
V_L31_Oscilloscope_84	Line Voltage L3-L1 Sample #84	float	R		44821
V_L31_Oscilloscope_85	Line Voltage L3-L1 Sample #85	float	R		44823
V_L31_Oscilloscope_86	Line Voltage L3-L1 Sample #86	float	R		44825
V_L31_Oscilloscope_87	Line Voltage L3-L1 Sample #87	float	R		44827
V_L31_Oscilloscope_88	Line Voltage L3-L1 Sample #88	float	R		44829
V_L31_Oscilloscope_89	Line Voltage L3-L1 Sample #89	float	R		44831
V_L31_Oscilloscope_90	Line Voltage L3-L1 Sample #90	float	R		44833
V_L31_Oscilloscope_91	Line Voltage L3-L1 Sample #91	float	R		44835
V_L31_Oscilloscope_92	Line Voltage L3-L1 Sample #92	float	R		44837
V_L31_Oscilloscope_93	Line Voltage L3-L1 Sample #93	float	R		44839
V_L31_Oscilloscope_94	Line Voltage L3-L1 Sample #94	float	R		44841
V_L31_Oscilloscope_95	Line Voltage L3-L1 Sample #95	float	R		44843
V_L31_Oscilloscope_96	Line Voltage L3-L1 Sample #96	float	R		44845
V_L31_Oscilloscope_97	Line Voltage L3-L1 Sample #97	float	R		44847
V_L31_Oscilloscope_98	Line Voltage L3-L1 Sample #98	float	R		44849
V_L31_Oscilloscope_99	Line Voltage L3-L1 Sample #99	float	R		44851
V_L31_Oscilloscope_100	Line Voltage L3-L1 Sample #100	float	R		44853
V_L31_Oscilloscope_101	Line Voltage L3-L1 Sample #101	float	R		44855
V_L31_Oscilloscope_102	Line Voltage L3-L1 Sample #102	float	R		44857
V_L31_Oscilloscope_103	Line Voltage L3-L1 Sample #103	float	R		44859
V_L31_Oscilloscope_104	Line Voltage L3-L1 Sample #104	float	R		44861
V_L31_Oscilloscope_105	Line Voltage L3-L1 Sample #105	float	R		44863
V_L31_Oscilloscope_106	Line Voltage L3-L1 Sample #106	float	R		44865
V_L31_Oscilloscope_107	Line Voltage L3-L1 Sample #107	float	R		44867
V_L31_Oscilloscope_108	Line Voltage L3-L1 Sample #108	float	R		44869
V_L31_Oscilloscope_109	Line Voltage L3-L1 Sample #109	float	R		44871
V_L31_Oscilloscope_110	Line Voltage L3-L1 Sample #110	float	R		44873
V_L31_Oscilloscope_111	Line Voltage L3-L1 Sample #111	float	R		44875
V_L31_Oscilloscope_112	Line Voltage L3-L1 Sample #112	float	R		44877
V_L31_Oscilloscope_113	Line Voltage L3-L1 Sample #113	float	R		44879
V_L31_Oscilloscope_114	Line Voltage L3-L1 Sample #114	float	R		44881
V_L31_Oscilloscope_115	Line Voltage L3-L1 Sample #115	float	R		44883
V_L31_Oscilloscope_116	Line Voltage L3-L1 Sample #116	float	R		44885
V_L31_Oscilloscope_117	Line Voltage L3-L1 Sample #117	float	R		44887
V_L31_Oscilloscope_118	Line Voltage L3-L1 Sample #118	float	R		44889
V_L31_Oscilloscope_119	Line Voltage L3-L1 Sample #119	float	R		44891
V_L31_Oscilloscope_120	Line Voltage L3-L1 Sample #120	float	R		44893
V_L31_Oscilloscope_121	Line Voltage L3-L1 Sample #121	float	R		44895
V_L31_Oscilloscope_122	Line Voltage L3-L1 Sample #122	float	R		44897
V_L31_Oscilloscope_123	Line Voltage L3-L1 Sample #123	float	R		44899
V_L31_Oscilloscope_124	Line Voltage L3-L1 Sample #124	float	R		44901
V_L31_Oscilloscope_125	Line Voltage L3-L1 Sample #125	float	R		44903
V_L31_Oscilloscope_126	Line Voltage L3-L1 Sample #126	float	R		44905
V_L31_Oscilloscope_127	Line Voltage L3-L1 Sample #127	float	R		44907
I_L1_Oscilloscope_0	Line Current L1 Sample #0	float	R		44909
I_L1_Oscilloscope_1	Line Current L1 Sample #1	float	R		44911
I_L1_Oscilloscope_2	Line Current L1 Sample #2	float	R		44913
I_L1_Oscilloscope_3	Line Current L1 Sample #3	float	R		44915
I_L1_Oscilloscope_4	Line Current L1 Sample #4	float	R		44917
I_L1_Oscilloscope_5	Line Current L1 Sample #5	float	R		44919
I_L1_Oscilloscope_6	Line Current L1 Sample #6	float	R		44921
I_L1_Oscilloscope_7	Line Current L1 Sample #7	float	R		44923
I_L1_Oscilloscope_8	Line Current L1 Sample #8	float	R		44925
I_L1_Oscilloscope_9	Line Current L1 Sample #9	float	R		44927
I_L1_Oscilloscope_10	Line Current L1 Sample #10	float	R		44929
I_L1_Oscilloscope_11	Line Current L1 Sample #11	float	R		44931
I_L1_Oscilloscope_12	Line Current L1 Sample #12	float	R		44933
I_L1_Oscilloscope_13	Line Current L1 Sample #13	float	R		44935
I_L1_Oscilloscope_14	Line Current L1 Sample #14	float	R		44937

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L1_Oscilloscope_15	Line Current L1 Sample #15	float	R		44939
I_L1_Oscilloscope_16	Line Current L1 Sample #16	float	R		44941
I_L1_Oscilloscope_17	Line Current L1 Sample #17	float	R		44943
I_L1_Oscilloscope_18	Line Current L1 Sample #18	float	R		44945
I_L1_Oscilloscope_19	Line Current L1 Sample #19	float	R		44947
I_L1_Oscilloscope_20	Line Current L1 Sample #20	float	R		44949
I_L1_Oscilloscope_21	Line Current L1 Sample #21	float	R		44951
I_L1_Oscilloscope_22	Line Current L1 Sample #22	float	R		44953
I_L1_Oscilloscope_23	Line Current L1 Sample #23	float	R		44955
I_L1_Oscilloscope_24	Line Current L1 Sample #24	float	R		44957
I_L1_Oscilloscope_25	Line Current L1 Sample #25	float	R		44959
I_L1_Oscilloscope_26	Line Current L1 Sample #26	float	R		44961
I_L1_Oscilloscope_27	Line Current L1 Sample #27	float	R		44963
I_L1_Oscilloscope_28	Line Current L1 Sample #28	float	R		44965
I_L1_Oscilloscope_29	Line Current L1 Sample #29	float	R		44967
I_L1_Oscilloscope_30	Line Current L1 Sample #30	float	R		44969
I_L1_Oscilloscope_31	Line Current L1 Sample #31	float	R		44971
I_L1_Oscilloscope_32	Line Current L1 Sample #32	float	R		44973
I_L1_Oscilloscope_33	Line Current L1 Sample #33	float	R		44975
I_L1_Oscilloscope_34	Line Current L1 Sample #34	float	R		44977
I_L1_Oscilloscope_35	Line Current L1 Sample #35	float	R		44979
I_L1_Oscilloscope_36	Line Current L1 Sample #36	float	R		44981
I_L1_Oscilloscope_37	Line Current L1 Sample #37	float	R		44983
I_L1_Oscilloscope_38	Line Current L1 Sample #38	float	R		44985
I_L1_Oscilloscope_39	Line Current L1 Sample #39	float	R		44987
I_L1_Oscilloscope_40	Line Current L1 Sample #40	float	R		44989
I_L1_Oscilloscope_41	Line Current L1 Sample #41	float	R		44991
I_L1_Oscilloscope_42	Line Current L1 Sample #42	float	R		44993
I_L1_Oscilloscope_43	Line Current L1 Sample #43	float	R		44995
I_L1_Oscilloscope_44	Line Current L1 Sample #44	float	R		44997
I_L1_Oscilloscope_45	Line Current L1 Sample #45	float	R		44999
I_L1_Oscilloscope_46	Line Current L1 Sample #46	float	R		45001
I_L1_Oscilloscope_47	Line Current L1 Sample #47	float	R		45003
I_L1_Oscilloscope_48	Line Current L1 Sample #48	float	R		45005
I_L1_Oscilloscope_49	Line Current L1 Sample #49	float	R		45007
I_L1_Oscilloscope_50	Line Current L1 Sample #50	float	R		45009
I_L1_Oscilloscope_51	Line Current L1 Sample #51	float	R		45011
I_L1_Oscilloscope_52	Line Current L1 Sample #52	float	R		45013
I_L1_Oscilloscope_53	Line Current L1 Sample #53	float	R		45015
I_L1_Oscilloscope_54	Line Current L1 Sample #54	float	R		45017
I_L1_Oscilloscope_55	Line Current L1 Sample #55	float	R		45019
I_L1_Oscilloscope_56	Line Current L1 Sample #56	float	R		45021
I_L1_Oscilloscope_57	Line Current L1 Sample #57	float	R		45023
I_L1_Oscilloscope_58	Line Current L1 Sample #58	float	R		45025
I_L1_Oscilloscope_59	Line Current L1 Sample #59	float	R		45027
I_L1_Oscilloscope_60	Line Current L1 Sample #60	float	R		45029
I_L1_Oscilloscope_61	Line Current L1 Sample #61	float	R		45031
I_L1_Oscilloscope_62	Line Current L1 Sample #62	float	R		45033
I_L1_Oscilloscope_63	Line Current L1 Sample #63	float	R		45035
I_L1_Oscilloscope_64	Line Current L1 Sample #64	float	R		45037
I_L1_Oscilloscope_65	Line Current L1 Sample #65	float	R		45039
I_L1_Oscilloscope_66	Line Current L1 Sample #66	float	R		45041
I_L1_Oscilloscope_67	Line Current L1 Sample #67	float	R		45043
I_L1_Oscilloscope_68	Line Current L1 Sample #68	float	R		45045
I_L1_Oscilloscope_69	Line Current L1 Sample #69	float	R		45047
I_L1_Oscilloscope_70	Line Current L1 Sample #70	float	R		45049
I_L1_Oscilloscope_71	Line Current L1 Sample #71	float	R		45051
I_L1_Oscilloscope_72	Line Current L1 Sample #72	float	R		45053
I_L1_Oscilloscope_73	Line Current L1 Sample #73	float	R		45055
I_L1_Oscilloscope_74	Line Current L1 Sample #74	float	R		45057
I_L1_Oscilloscope_75	Line Current L1 Sample #75	float	R		45059
I_L1_Oscilloscope_76	Line Current L1 Sample #76	float	R		45061
I_L1_Oscilloscope_77	Line Current L1 Sample #77	float	R		45063
I_L1_Oscilloscope_78	Line Current L1 Sample #78	float	R		45065
I_L1_Oscilloscope_79	Line Current L1 Sample #79	float	R		45067
I_L1_Oscilloscope_80	Line Current L1 Sample #80	float	R		45069
I_L1_Oscilloscope_81	Line Current L1 Sample #81	float	R		45071
I_L1_Oscilloscope_82	Line Current L1 Sample #82	float	R		45073
I_L1_Oscilloscope_83	Line Current L1 Sample #83	float	R		45075
I_L1_Oscilloscope_84	Line Current L1 Sample #84	float	R		45077
I_L1_Oscilloscope_85	Line Current L1 Sample #85	float	R		45079
I_L1_Oscilloscope_86	Line Current L1 Sample #86	float	R		45081
I_L1_Oscilloscope_87	Line Current L1 Sample #87	float	R		45083
I_L1_Oscilloscope_88	Line Current L1 Sample #88	float	R		45085
I_L1_Oscilloscope_89	Line Current L1 Sample #89	float	R		45087
I_L1_Oscilloscope_90	Line Current L1 Sample #90	float	R		45089
I_L1_Oscilloscope_91	Line Current L1 Sample #91	float	R		45091
I_L1_Oscilloscope_92	Line Current L1 Sample #92	float	R		45093
I_L1_Oscilloscope_93	Line Current L1 Sample #93	float	R		45095
I_L1_Oscilloscope_94	Line Current L1 Sample #94	float	R		45097
I_L1_Oscilloscope_95	Line Current L1 Sample #95	float	R		45099
I_L1_Oscilloscope_96	Line Current L1 Sample #96	float	R		45101
I_L1_Oscilloscope_97	Line Current L1 Sample #97	float	R		45103
I_L1_Oscilloscope_98	Line Current L1 Sample #98	float	R		45105
I_L1_Oscilloscope_99	Line Current L1 Sample #99	float	R		45107
I_L1_Oscilloscope_100	Line Current L1 Sample #100	float	R		45109
I_L1_Oscilloscope_101	Line Current L1 Sample #101	float	R		45111
I_L1_Oscilloscope_102	Line Current L1 Sample #102	float	R		45113
I_L1_Oscilloscope_103	Line Current L1 Sample #103	float	R		45115
I_L1_Oscilloscope_104	Line Current L1 Sample #104	float	R		45117
I_L1_Oscilloscope_105	Line Current L1 Sample #105	float	R		45119
I_L1_Oscilloscope_106	Line Current L1 Sample #106	float	R		45121
I_L1_Oscilloscope_107	Line Current L1 Sample #107	float	R		45123
I_L1_Oscilloscope_108	Line Current L1 Sample #108	float	R		45125
I_L1_Oscilloscope_109	Line Current L1 Sample #109	float	R		45127
I_L1_Oscilloscope_110	Line Current L1 Sample #110	float	R		45129
I_L1_Oscilloscope_111	Line Current L1 Sample #111	float	R		45131
I_L1_Oscilloscope_112	Line Current L1 Sample #112	float	R		45133
I_L1_Oscilloscope_113	Line Current L1 Sample #113	float	R		45135
I_L1_Oscilloscope_114	Line Current L1 Sample #114	float	R		45137
I_L1_Oscilloscope_115	Line Current L1 Sample #115	float	R		45139
I_L1_Oscilloscope_116	Line Current L1 Sample #116	float	R		45141
I_L1_Oscilloscope_117	Line Current L1 Sample #117	float	R		45143
I_L1_Oscilloscope_118	Line Current L1 Sample #118	float	R		45145
I_L1_Oscilloscope_119	Line Current L1 Sample #119	float	R		45147
I_L1_Oscilloscope_120	Line Current L1 Sample #120	float	R		45149
I_L1_Oscilloscope_121	Line Current L1 Sample #121	float	R		45151
I_L1_Oscilloscope_122	Line Current L1 Sample #122	float	R		45153
I_L1_Oscilloscope_123	Line Current L1 Sample #123	float	R		45155
I_L1_Oscilloscope_124	Line Current L1 Sample #124	float	R		45157
I_L1_Oscilloscope_125	Line Current L1 Sample #125	float	R		45159

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L1_Oscilloscope_126	Line Current L1 Sample #126	float	R		45161
I_L1_Oscilloscope_127	Line Current L1 Sample #127	float	R		45163
I_L2_Oscilloscope_0	Line Current L2 Sample #0	float	R		45165
I_L2_Oscilloscope_1	Line Current L2 Sample #1	float	R		45167
I_L2_Oscilloscope_2	Line Current L2 Sample #2	float	R		45169
I_L2_Oscilloscope_3	Line Current L2 Sample #3	float	R		45171
I_L2_Oscilloscope_4	Line Current L2 Sample #4	float	R		45173
I_L2_Oscilloscope_5	Line Current L2 Sample #5	float	R		45175
I_L2_Oscilloscope_6	Line Current L2 Sample #6	float	R		45177
I_L2_Oscilloscope_7	Line Current L2 Sample #7	float	R		45179
I_L2_Oscilloscope_8	Line Current L2 Sample #8	float	R		45181
I_L2_Oscilloscope_9	Line Current L2 Sample #9	float	R		45183
I_L2_Oscilloscope_10	Line Current L2 Sample #10	float	R		45185
I_L2_Oscilloscope_11	Line Current L2 Sample #11	float	R		45187
I_L2_Oscilloscope_12	Line Current L2 Sample #12	float	R		45189
I_L2_Oscilloscope_13	Line Current L2 Sample #13	float	R		45191
I_L2_Oscilloscope_14	Line Current L2 Sample #14	float	R		45193
I_L2_Oscilloscope_15	Line Current L2 Sample #15	float	R		45195
I_L2_Oscilloscope_16	Line Current L2 Sample #16	float	R		45197
I_L2_Oscilloscope_17	Line Current L2 Sample #17	float	R		45199
I_L2_Oscilloscope_18	Line Current L2 Sample #18	float	R		45201
I_L2_Oscilloscope_19	Line Current L2 Sample #19	float	R		45203
I_L2_Oscilloscope_20	Line Current L2 Sample #20	float	R		45205
I_L2_Oscilloscope_21	Line Current L2 Sample #21	float	R		45207
I_L2_Oscilloscope_22	Line Current L2 Sample #22	float	R		45209
I_L2_Oscilloscope_23	Line Current L2 Sample #23	float	R		45211
I_L2_Oscilloscope_24	Line Current L2 Sample #24	float	R		45213
I_L2_Oscilloscope_25	Line Current L2 Sample #25	float	R		45215
I_L2_Oscilloscope_26	Line Current L2 Sample #26	float	R		45217
I_L2_Oscilloscope_27	Line Current L2 Sample #27	float	R		45219
I_L2_Oscilloscope_28	Line Current L2 Sample #28	float	R		45221
I_L2_Oscilloscope_29	Line Current L2 Sample #29	float	R		45223
I_L2_Oscilloscope_30	Line Current L2 Sample #30	float	R		45225
I_L2_Oscilloscope_31	Line Current L2 Sample #31	float	R		45227
I_L2_Oscilloscope_32	Line Current L2 Sample #32	float	R		45229
I_L2_Oscilloscope_33	Line Current L2 Sample #33	float	R		45231
I_L2_Oscilloscope_34	Line Current L2 Sample #34	float	R		45233
I_L2_Oscilloscope_35	Line Current L2 Sample #35	float	R		45235
I_L2_Oscilloscope_36	Line Current L2 Sample #36	float	R		45237
I_L2_Oscilloscope_37	Line Current L2 Sample #37	float	R		45239
I_L2_Oscilloscope_38	Line Current L2 Sample #38	float	R		45241
I_L2_Oscilloscope_39	Line Current L2 Sample #39	float	R		45243
I_L2_Oscilloscope_40	Line Current L2 Sample #40	float	R		45245
I_L2_Oscilloscope_41	Line Current L2 Sample #41	float	R		45247
I_L2_Oscilloscope_42	Line Current L2 Sample #42	float	R		45249
I_L2_Oscilloscope_43	Line Current L2 Sample #43	float	R		45251
I_L2_Oscilloscope_44	Line Current L2 Sample #44	float	R		45253
I_L2_Oscilloscope_45	Line Current L2 Sample #45	float	R		45255
I_L2_Oscilloscope_46	Line Current L2 Sample #46	float	R		45257
I_L2_Oscilloscope_47	Line Current L2 Sample #47	float	R		45259
I_L2_Oscilloscope_48	Line Current L2 Sample #48	float	R		45261
I_L2_Oscilloscope_49	Line Current L2 Sample #49	float	R		45263
I_L2_Oscilloscope_50	Line Current L2 Sample #50	float	R		45265
I_L2_Oscilloscope_51	Line Current L2 Sample #51	float	R		45267
I_L2_Oscilloscope_52	Line Current L2 Sample #52	float	R		45269
I_L2_Oscilloscope_53	Line Current L2 Sample #53	float	R		45271
I_L2_Oscilloscope_54	Line Current L2 Sample #54	float	R		45273
I_L2_Oscilloscope_55	Line Current L2 Sample #55	float	R		45275
I_L2_Oscilloscope_56	Line Current L2 Sample #56	float	R		45277
I_L2_Oscilloscope_57	Line Current L2 Sample #57	float	R		45279
I_L2_Oscilloscope_58	Line Current L2 Sample #58	float	R		45281
I_L2_Oscilloscope_59	Line Current L2 Sample #59	float	R		45283
I_L2_Oscilloscope_60	Line Current L2 Sample #60	float	R		45285
I_L2_Oscilloscope_61	Line Current L2 Sample #61	float	R		45287
I_L2_Oscilloscope_62	Line Current L2 Sample #62	float	R		45289
I_L2_Oscilloscope_63	Line Current L2 Sample #63	float	R		45291
I_L2_Oscilloscope_64	Line Current L2 Sample #64	float	R		45293
I_L2_Oscilloscope_65	Line Current L2 Sample #65	float	R		45295
I_L2_Oscilloscope_66	Line Current L2 Sample #66	float	R		45297
I_L2_Oscilloscope_67	Line Current L2 Sample #67	float	R		45299
I_L2_Oscilloscope_68	Line Current L2 Sample #68	float	R		45301
I_L2_Oscilloscope_69	Line Current L2 Sample #69	float	R		45303
I_L2_Oscilloscope_70	Line Current L2 Sample #70	float	R		45305
I_L2_Oscilloscope_71	Line Current L2 Sample #71	float	R		45307
I_L2_Oscilloscope_72	Line Current L2 Sample #72	float	R		45309
I_L2_Oscilloscope_73	Line Current L2 Sample #73	float	R		45311
I_L2_Oscilloscope_74	Line Current L2 Sample #74	float	R		45313
I_L2_Oscilloscope_75	Line Current L2 Sample #75	float	R		45315
I_L2_Oscilloscope_76	Line Current L2 Sample #76	float	R		45317
I_L2_Oscilloscope_77	Line Current L2 Sample #77	float	R		45319
I_L2_Oscilloscope_78	Line Current L2 Sample #78	float	R		45321
I_L2_Oscilloscope_79	Line Current L2 Sample #79	float	R		45323
I_L2_Oscilloscope_80	Line Current L2 Sample #80	float	R		45325
I_L2_Oscilloscope_81	Line Current L2 Sample #81	float	R		45327
I_L2_Oscilloscope_82	Line Current L2 Sample #82	float	R		45329
I_L2_Oscilloscope_83	Line Current L2 Sample #83	float	R		45331
I_L2_Oscilloscope_84	Line Current L2 Sample #84	float	R		45333
I_L2_Oscilloscope_85	Line Current L2 Sample #85	float	R		45335
I_L2_Oscilloscope_86	Line Current L2 Sample #86	float	R		45337
I_L2_Oscilloscope_87	Line Current L2 Sample #87	float	R		45339
I_L2_Oscilloscope_88	Line Current L2 Sample #88	float	R		45341
I_L2_Oscilloscope_89	Line Current L2 Sample #89	float	R		45343
I_L2_Oscilloscope_90	Line Current L2 Sample #90	float	R		45345
I_L2_Oscilloscope_91	Line Current L2 Sample #91	float	R		45347
I_L2_Oscilloscope_92	Line Current L2 Sample #92	float	R		45349
I_L2_Oscilloscope_93	Line Current L2 Sample #93	float	R		45351
I_L2_Oscilloscope_94	Line Current L2 Sample #94	float	R		45353
I_L2_Oscilloscope_95	Line Current L2 Sample #95	float	R		45355
I_L2_Oscilloscope_96	Line Current L2 Sample #96	float	R		45357
I_L2_Oscilloscope_97	Line Current L2 Sample #97	float	R		45359
I_L2_Oscilloscope_98	Line Current L2 Sample #98	float	R		45361
I_L2_Oscilloscope_99	Line Current L2 Sample #99	float	R		45363
I_L2_Oscilloscope_100	Line Current L2 Sample #100	float	R		45365
I_L2_Oscilloscope_101	Line Current L2 Sample #101	float	R		45367
I_L2_Oscilloscope_102	Line Current L2 Sample #102	float	R		45369
I_L2_Oscilloscope_103	Line Current L2 Sample #103	float	R		45371
I_L2_Oscilloscope_104	Line Current L2 Sample #104	float	R		45373
I_L2_Oscilloscope_105	Line Current L2 Sample #105	float	R		45375
I_L2_Oscilloscope_106	Line Current L2 Sample #106	float	R		45377
I_L2_Oscilloscope_107	Line Current L2 Sample #107	float	R		45379
I_L2_Oscilloscope_108	Line Current L2 Sample #108	float	R		45381

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L2_Oscilloscope_109	Line Current L2 Sample #109	float	R		45383
I_L2_Oscilloscope_110	Line Current L2 Sample #110	float	R		45385
I_L2_Oscilloscope_111	Line Current L2 Sample #111	float	R		45387
I_L2_Oscilloscope_112	Line Current L2 Sample #112	float	R		45389
I_L2_Oscilloscope_113	Line Current L2 Sample #113	float	R		45391
I_L2_Oscilloscope_114	Line Current L2 Sample #114	float	R		45393
I_L2_Oscilloscope_115	Line Current L2 Sample #115	float	R		45395
I_L2_Oscilloscope_116	Line Current L2 Sample #116	float	R		45397
I_L2_Oscilloscope_117	Line Current L2 Sample #117	float	R		45399
I_L2_Oscilloscope_118	Line Current L2 Sample #118	float	R		45401
I_L2_Oscilloscope_119	Line Current L2 Sample #119	float	R		45403
I_L2_Oscilloscope_120	Line Current L2 Sample #120	float	R		45405
I_L2_Oscilloscope_121	Line Current L2 Sample #121	float	R		45407
I_L2_Oscilloscope_122	Line Current L2 Sample #122	float	R		45409
I_L2_Oscilloscope_123	Line Current L2 Sample #123	float	R		45411
I_L2_Oscilloscope_124	Line Current L2 Sample #124	float	R		45413
I_L2_Oscilloscope_125	Line Current L2 Sample #125	float	R		45415
I_L2_Oscilloscope_126	Line Current L2 Sample #126	float	R		45417
I_L2_Oscilloscope_127	Line Current L2 Sample #127	float	R		45419
I_L3_Oscilloscope_0	Line Current L3 Sample #0	float	R		45421
I_L3_Oscilloscope_1	Line Current L3 Sample #1	float	R		45423
I_L3_Oscilloscope_2	Line Current L3 Sample #2	float	R		45425
I_L3_Oscilloscope_3	Line Current L3 Sample #3	float	R		45427
I_L3_Oscilloscope_4	Line Current L3 Sample #4	float	R		45429
I_L3_Oscilloscope_5	Line Current L3 Sample #5	float	R		45431
I_L3_Oscilloscope_6	Line Current L3 Sample #6	float	R		45433
I_L3_Oscilloscope_7	Line Current L3 Sample #7	float	R		45435
I_L3_Oscilloscope_8	Line Current L3 Sample #8	float	R		45437
I_L3_Oscilloscope_9	Line Current L3 Sample #9	float	R		45439
I_L3_Oscilloscope_10	Line Current L3 Sample #10	float	R		45441
I_L3_Oscilloscope_11	Line Current L3 Sample #11	float	R		45443
I_L3_Oscilloscope_12	Line Current L3 Sample #12	float	R		45445
I_L3_Oscilloscope_13	Line Current L3 Sample #13	float	R		45447
I_L3_Oscilloscope_14	Line Current L3 Sample #14	float	R		45449
I_L3_Oscilloscope_15	Line Current L3 Sample #15	float	R		45451
I_L3_Oscilloscope_16	Line Current L3 Sample #16	float	R		45453
I_L3_Oscilloscope_17	Line Current L3 Sample #17	float	R		45455
I_L3_Oscilloscope_18	Line Current L3 Sample #18	float	R		45457
I_L3_Oscilloscope_19	Line Current L3 Sample #19	float	R		45459
I_L3_Oscilloscope_20	Line Current L3 Sample #20	float	R		45461
I_L3_Oscilloscope_21	Line Current L3 Sample #21	float	R		45463
I_L3_Oscilloscope_22	Line Current L3 Sample #22	float	R		45465
I_L3_Oscilloscope_23	Line Current L3 Sample #23	float	R		45467
I_L3_Oscilloscope_24	Line Current L3 Sample #24	float	R		45469
I_L3_Oscilloscope_25	Line Current L3 Sample #25	float	R		45471
I_L3_Oscilloscope_26	Line Current L3 Sample #26	float	R		45473
I_L3_Oscilloscope_27	Line Current L3 Sample #27	float	R		45475
I_L3_Oscilloscope_28	Line Current L3 Sample #28	float	R		45477
I_L3_Oscilloscope_29	Line Current L3 Sample #29	float	R		45479
I_L3_Oscilloscope_30	Line Current L3 Sample #30	float	R		45481
I_L3_Oscilloscope_31	Line Current L3 Sample #31	float	R		45483
I_L3_Oscilloscope_32	Line Current L3 Sample #32	float	R		45485
I_L3_Oscilloscope_33	Line Current L3 Sample #33	float	R		45487
I_L3_Oscilloscope_34	Line Current L3 Sample #34	float	R		45489
I_L3_Oscilloscope_35	Line Current L3 Sample #35	float	R		45491
I_L3_Oscilloscope_36	Line Current L3 Sample #36	float	R		45493
I_L3_Oscilloscope_37	Line Current L3 Sample #37	float	R		45495
I_L3_Oscilloscope_38	Line Current L3 Sample #38	float	R		45497
I_L3_Oscilloscope_39	Line Current L3 Sample #39	float	R		45499
I_L3_Oscilloscope_40	Line Current L3 Sample #40	float	R		45501
I_L3_Oscilloscope_41	Line Current L3 Sample #41	float	R		45503
I_L3_Oscilloscope_42	Line Current L3 Sample #42	float	R		45505
I_L3_Oscilloscope_43	Line Current L3 Sample #43	float	R		45507
I_L3_Oscilloscope_44	Line Current L3 Sample #44	float	R		45509
I_L3_Oscilloscope_45	Line Current L3 Sample #45	float	R		45511
I_L3_Oscilloscope_46	Line Current L3 Sample #46	float	R		45513
I_L3_Oscilloscope_47	Line Current L3 Sample #47	float	R		45515
I_L3_Oscilloscope_48	Line Current L3 Sample #48	float	R		45517
I_L3_Oscilloscope_49	Line Current L3 Sample #49	float	R		45519
I_L3_Oscilloscope_50	Line Current L3 Sample #50	float	R		45521
I_L3_Oscilloscope_51	Line Current L3 Sample #51	float	R		45523
I_L3_Oscilloscope_52	Line Current L3 Sample #52	float	R		45525
I_L3_Oscilloscope_53	Line Current L3 Sample #53	float	R		45527
I_L3_Oscilloscope_54	Line Current L3 Sample #54	float	R		45529
I_L3_Oscilloscope_55	Line Current L3 Sample #55	float	R		45531
I_L3_Oscilloscope_56	Line Current L3 Sample #56	float	R		45533
I_L3_Oscilloscope_57	Line Current L3 Sample #57	float	R		45535
I_L3_Oscilloscope_58	Line Current L3 Sample #58	float	R		45537
I_L3_Oscilloscope_59	Line Current L3 Sample #59	float	R		45539
I_L3_Oscilloscope_60	Line Current L3 Sample #60	float	R		45541
I_L3_Oscilloscope_61	Line Current L3 Sample #61	float	R		45543
I_L3_Oscilloscope_62	Line Current L3 Sample #62	float	R		45545
I_L3_Oscilloscope_63	Line Current L3 Sample #63	float	R		45547
I_L3_Oscilloscope_64	Line Current L3 Sample #64	float	R		45549
I_L3_Oscilloscope_65	Line Current L3 Sample #65	float	R		45551
I_L3_Oscilloscope_66	Line Current L3 Sample #66	float	R		45553
I_L3_Oscilloscope_67	Line Current L3 Sample #67	float	R		45555
I_L3_Oscilloscope_68	Line Current L3 Sample #68	float	R		45557
I_L3_Oscilloscope_69	Line Current L3 Sample #69	float	R		45559
I_L3_Oscilloscope_70	Line Current L3 Sample #70	float	R		45561
I_L3_Oscilloscope_71	Line Current L3 Sample #71	float	R		45563
I_L3_Oscilloscope_72	Line Current L3 Sample #72	float	R		45565
I_L3_Oscilloscope_73	Line Current L3 Sample #73	float	R		45567
I_L3_Oscilloscope_74	Line Current L3 Sample #74	float	R		45569
I_L3_Oscilloscope_75	Line Current L3 Sample #75	float	R		45571
I_L3_Oscilloscope_76	Line Current L3 Sample #76	float	R		45573
I_L3_Oscilloscope_77	Line Current L3 Sample #77	float	R		45575
I_L3_Oscilloscope_78	Line Current L3 Sample #78	float	R		45577
I_L3_Oscilloscope_79	Line Current L3 Sample #79	float	R		45579
I_L3_Oscilloscope_80	Line Current L3 Sample #80	float	R		45581
I_L3_Oscilloscope_81	Line Current L3 Sample #81	float	R		45583
I_L3_Oscilloscope_82	Line Current L3 Sample #82	float	R		45585
I_L3_Oscilloscope_83	Line Current L3 Sample #83	float	R		45587
I_L3_Oscilloscope_84	Line Current L3 Sample #84	float	R		45589
I_L3_Oscilloscope_85	Line Current L3 Sample #85	float	R		45591
I_L3_Oscilloscope_86	Line Current L3 Sample #86	float	R		45593
I_L3_Oscilloscope_87	Line Current L3 Sample #87	float	R		45595
I_L3_Oscilloscope_88	Line Current L3 Sample #88	float	R		45597
I_L3_Oscilloscope_89	Line Current L3 Sample #89	float	R		45599
I_L3_Oscilloscope_90	Line Current L3 Sample #90	float	R		45601
I_L3_Oscilloscope_91	Line Current L3 Sample #91	float	R		45603

All Versions

Only in Plus and Professional Versions

Only in Professional Version

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_L3_Oscilloscope_92	Line Current L3 Sample #92	float	R		45605
I_L3_Oscilloscope_93	Line Current L3 Sample #93	float	R		45607
I_L3_Oscilloscope_94	Line Current L3 Sample #94	float	R		45609
I_L3_Oscilloscope_95	Line Current L3 Sample #95	float	R		45611
I_L3_Oscilloscope_96	Line Current L3 Sample #96	float	R		45613
I_L3_Oscilloscope_97	Line Current L3 Sample #97	float	R		45615
I_L3_Oscilloscope_98	Line Current L3 Sample #98	float	R		45617
I_L3_Oscilloscope_99	Line Current L3 Sample #99	float	R		45619
I_L3_Oscilloscope_100	Line Current L3 Sample #100	float	R		45621
I_L3_Oscilloscope_101	Line Current L3 Sample #101	float	R		45623
I_L3_Oscilloscope_102	Line Current L3 Sample #102	float	R		45625
I_L3_Oscilloscope_103	Line Current L3 Sample #103	float	R		45627
I_L3_Oscilloscope_104	Line Current L3 Sample #104	float	R		45629
I_L3_Oscilloscope_105	Line Current L3 Sample #105	float	R		45631
I_L3_Oscilloscope_106	Line Current L3 Sample #106	float	R		45633
I_L3_Oscilloscope_107	Line Current L3 Sample #107	float	R		45635
I_L3_Oscilloscope_108	Line Current L3 Sample #108	float	R		45637
I_L3_Oscilloscope_109	Line Current L3 Sample #109	float	R		45639
I_L3_Oscilloscope_110	Line Current L3 Sample #110	float	R		45641
I_L3_Oscilloscope_111	Line Current L3 Sample #111	float	R		45643
I_L3_Oscilloscope_112	Line Current L3 Sample #112	float	R		45645
I_L3_Oscilloscope_113	Line Current L3 Sample #113	float	R		45647
I_L3_Oscilloscope_114	Line Current L3 Sample #114	float	R		45649
I_L3_Oscilloscope_115	Line Current L3 Sample #115	float	R		45651
I_L3_Oscilloscope_116	Line Current L3 Sample #116	float	R		45653
I_L3_Oscilloscope_117	Line Current L3 Sample #117	float	R		45655
I_L3_Oscilloscope_118	Line Current L3 Sample #118	float	R		45657
I_L3_Oscilloscope_119	Line Current L3 Sample #119	float	R		45659
I_L3_Oscilloscope_120	Line Current L3 Sample #120	float	R		45661
I_L3_Oscilloscope_121	Line Current L3 Sample #121	float	R		45663
I_L3_Oscilloscope_122	Line Current L3 Sample #122	float	R		45665
I_L3_Oscilloscope_123	Line Current L3 Sample #123	float	R		45667
I_L3_Oscilloscope_124	Line Current L3 Sample #124	float	R		45669
I_L3_Oscilloscope_125	Line Current L3 Sample #125	float	R		45671
I_L3_Oscilloscope_126	Line Current L3 Sample #126	float	R		45673
I_L3_Oscilloscope_127	Line Current L3 Sample #127	float	R		45675
I_N_Oscilloscope_0	Line Current N Sample #0	float	R		45677
I_N_Oscilloscope_1	Line Current N Sample #1	float	R		45679
I_N_Oscilloscope_2	Line Current N Sample #2	float	R		45681
I_N_Oscilloscope_3	Line Current N Sample #3	float	R		45683
I_N_Oscilloscope_4	Line Current N Sample #4	float	R		45685
I_N_Oscilloscope_5	Line Current N Sample #5	float	R		45687
I_N_Oscilloscope_6	Line Current N Sample #6	float	R		45689
I_N_Oscilloscope_7	Line Current N Sample #7	float	R		45691
I_N_Oscilloscope_8	Line Current N Sample #8	float	R		45693
I_N_Oscilloscope_9	Line Current N Sample #9	float	R		45695
I_N_Oscilloscope_10	Line Current N Sample #10	float	R		45697
I_N_Oscilloscope_11	Line Current N Sample #11	float	R		45699
I_N_Oscilloscope_12	Line Current N Sample #12	float	R		45701
I_N_Oscilloscope_13	Line Current N Sample #13	float	R		45703
I_N_Oscilloscope_14	Line Current N Sample #14	float	R		45705
I_N_Oscilloscope_15	Line Current N Sample #15	float	R		45707
I_N_Oscilloscope_16	Line Current N Sample #16	float	R		45709
I_N_Oscilloscope_17	Line Current N Sample #17	float	R		45711
I_N_Oscilloscope_18	Line Current N Sample #18	float	R		45713
I_N_Oscilloscope_19	Line Current N Sample #19	float	R		45715
I_N_Oscilloscope_20	Line Current N Sample #20	float	R		45717
I_N_Oscilloscope_21	Line Current N Sample #21	float	R		45719
I_N_Oscilloscope_22	Line Current N Sample #22	float	R		45721
I_N_Oscilloscope_23	Line Current N Sample #23	float	R		45723
I_N_Oscilloscope_24	Line Current N Sample #24	float	R		45725
I_N_Oscilloscope_25	Line Current N Sample #25	float	R		45727
I_N_Oscilloscope_26	Line Current N Sample #26	float	R		45729
I_N_Oscilloscope_27	Line Current N Sample #27	float	R		45731
I_N_Oscilloscope_28	Line Current N Sample #28	float	R		45733
I_N_Oscilloscope_29	Line Current N Sample #29	float	R		45735
I_N_Oscilloscope_30	Line Current N Sample #30	float	R		45737
I_N_Oscilloscope_31	Line Current N Sample #31	float	R		45739
I_N_Oscilloscope_32	Line Current N Sample #32	float	R		45741
I_N_Oscilloscope_33	Line Current N Sample #33	float	R		45743
I_N_Oscilloscope_34	Line Current N Sample #34	float	R		45745
I_N_Oscilloscope_35	Line Current N Sample #35	float	R		45747
I_N_Oscilloscope_36	Line Current N Sample #36	float	R		45749
I_N_Oscilloscope_37	Line Current N Sample #37	float	R		45751
I_N_Oscilloscope_38	Line Current N Sample #38	float	R		45753
I_N_Oscilloscope_39	Line Current N Sample #39	float	R		45755
I_N_Oscilloscope_40	Line Current N Sample #40	float	R		45757
I_N_Oscilloscope_41	Line Current N Sample #41	float	R		45759
I_N_Oscilloscope_42	Line Current N Sample #42	float	R		45761
I_N_Oscilloscope_43	Line Current N Sample #43	float	R		45763
I_N_Oscilloscope_44	Line Current N Sample #44	float	R		45765
I_N_Oscilloscope_45	Line Current N Sample #45	float	R		45767
I_N_Oscilloscope_46	Line Current N Sample #46	float	R		45769
I_N_Oscilloscope_47	Line Current N Sample #47	float	R		45771
I_N_Oscilloscope_48	Line Current N Sample #48	float	R		45773
I_N_Oscilloscope_49	Line Current N Sample #49	float	R		45775
I_N_Oscilloscope_50	Line Current N Sample #50	float	R		45777
I_N_Oscilloscope_51	Line Current N Sample #51	float	R		45779
I_N_Oscilloscope_52	Line Current N Sample #52	float	R		45781
I_N_Oscilloscope_53	Line Current N Sample #53	float	R		45783
I_N_Oscilloscope_54	Line Current N Sample #54	float	R		45785
I_N_Oscilloscope_55	Line Current N Sample #55	float	R		45787
I_N_Oscilloscope_56	Line Current N Sample #56	float	R		45789
I_N_Oscilloscope_57	Line Current N Sample #57	float	R		45791
I_N_Oscilloscope_58	Line Current N Sample #58	float	R		45793
I_N_Oscilloscope_59	Line Current N Sample #59	float	R		45795
I_N_Oscilloscope_60	Line Current N Sample #60	float	R		45797
I_N_Oscilloscope_61	Line Current N Sample #61	float	R		45799
I_N_Oscilloscope_62	Line Current N Sample #62	float	R		45801
I_N_Oscilloscope_63	Line Current N Sample #63	float	R		45803
I_N_Oscilloscope_64	Line Current N Sample #64	float	R		45805
I_N_Oscilloscope_65	Line Current N Sample #65	float	R		45807
I_N_Oscilloscope_66	Line Current N Sample #66	float	R		45809
I_N_Oscilloscope_67	Line Current N Sample #67	float	R		45811
I_N_Oscilloscope_68	Line Current N Sample #68	float	R		45813
I_N_Oscilloscope_69	Line Current N Sample #69	float	R		45815
I_N_Oscilloscope_70	Line Current N Sample #70	float	R		45817
I_N_Oscilloscope_71	Line Current N Sample #71	float	R		45819
I_N_Oscilloscope_72	Line Current N Sample #72	float	R		45821
I_N_Oscilloscope_73	Line Current N Sample #73	float	R		45823
I_N_Oscilloscope_74	Line Current N Sample #74	float	R		45825

Register Name	Description	Register Type	R/W	Default	Modbus Address
I_N_Oscilloscope_75	Line Current N Sample #75	float	R		45827
I_N_Oscilloscope_76	Line Current N Sample #76	float	R		45829
I_N_Oscilloscope_77	Line Current N Sample #77	float	R		45831
I_N_Oscilloscope_78	Line Current N Sample #78	float	R		45833
I_N_Oscilloscope_79	Line Current N Sample #79	float	R		45835
I_N_Oscilloscope_80	Line Current N Sample #80	float	R		45837
I_N_Oscilloscope_81	Line Current N Sample #81	float	R		45839
I_N_Oscilloscope_82	Line Current N Sample #82	float	R		45841
I_N_Oscilloscope_83	Line Current N Sample #83	float	R		45843
I_N_Oscilloscope_84	Line Current N Sample #84	float	R		45845
I_N_Oscilloscope_85	Line Current N Sample #85	float	R		45847
I_N_Oscilloscope_86	Line Current N Sample #86	float	R		45849
I_N_Oscilloscope_87	Line Current N Sample #87	float	R		45851
I_N_Oscilloscope_88	Line Current N Sample #88	float	R		45853
I_N_Oscilloscope_89	Line Current N Sample #89	float	R		45855
I_N_Oscilloscope_90	Line Current N Sample #90	float	R		45857
I_N_Oscilloscope_91	Line Current N Sample #91	float	R		45859
I_N_Oscilloscope_92	Line Current N Sample #92	float	R		45861
I_N_Oscilloscope_93	Line Current N Sample #93	float	R		45863
I_N_Oscilloscope_94	Line Current N Sample #94	float	R		45865
I_N_Oscilloscope_95	Line Current N Sample #95	float	R		45867
I_N_Oscilloscope_96	Line Current N Sample #96	float	R		45869
I_N_Oscilloscope_97	Line Current N Sample #97	float	R		45871
I_N_Oscilloscope_98	Line Current N Sample #98	float	R		45873
I_N_Oscilloscope_99	Line Current N Sample #99	float	R		45875
I_N_Oscilloscope_100	Line Current N Sample #100	float	R		45877
I_N_Oscilloscope_101	Line Current N Sample #101	float	R		45879
I_N_Oscilloscope_102	Line Current N Sample #102	float	R		45881
I_N_Oscilloscope_103	Line Current N Sample #103	float	R		45883
I_N_Oscilloscope_104	Line Current N Sample #104	float	R		45885
I_N_Oscilloscope_105	Line Current N Sample #105	float	R		45887
I_N_Oscilloscope_106	Line Current N Sample #106	float	R		45889
I_N_Oscilloscope_107	Line Current N Sample #107	float	R		45891
I_N_Oscilloscope_108	Line Current N Sample #108	float	R		45893
I_N_Oscilloscope_109	Line Current N Sample #109	float	R		45895
I_N_Oscilloscope_110	Line Current N Sample #110	float	R		45897
I_N_Oscilloscope_111	Line Current N Sample #111	float	R		45899
I_N_Oscilloscope_112	Line Current N Sample #112	float	R		45901
I_N_Oscilloscope_113	Line Current N Sample #113	float	R		45903
I_N_Oscilloscope_114	Line Current N Sample #114	float	R		45905
I_N_Oscilloscope_115	Line Current N Sample #115	float	R		45907
I_N_Oscilloscope_116	Line Current N Sample #116	float	R		45909
I_N_Oscilloscope_117	Line Current N Sample #117	float	R		45911
I_N_Oscilloscope_118	Line Current N Sample #118	float	R		45913
I_N_Oscilloscope_119	Line Current N Sample #119	float	R		45915
I_N_Oscilloscope_120	Line Current N Sample #120	float	R		45917
I_N_Oscilloscope_121	Line Current N Sample #121	float	R		45919
I_N_Oscilloscope_122	Line Current N Sample #122	float	R		45921
I_N_Oscilloscope_123	Line Current N Sample #123	float	R		45923
I_N_Oscilloscope_124	Line Current N Sample #124	float	R		45925
I_N_Oscilloscope_125	Line Current N Sample #125	float	R		45927
I_N_Oscilloscope_126	Line Current N Sample #126	float	R		45929
I_N_Oscilloscope_127	Line Current N Sample #127	float	R		45931
Efficiency	Gives the efficiency, if enabled by the Configuration_flag register	float	R		45931