

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



Register Name	Description	Register Type	R/W	Default	Modbus Address
Machine Id	Machine ID	unsigned short	R	23 , 28 or 32	40001
HW_FW_version	Hardware (MSB) and Firmware (LSB) Revision	unsigned short	R		40002
address	modbus address	unsigned short	R/W		40003
delay	answer delay expressed as cycles	unsigned short	R/W		40004
Baudrate	0 → 1200 1 → 2400 2 → 4800 3 → 9600 4 → 19200 5 → 38400 6 → 57600 7 → 115200	unsigned short	R/W		40005
Parity	0 → NONE 1 → ODD 2 → EVEN	unsigned short	R/W		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 CT (Aron) 2 → Three phase: 3 wires, 3 CT 3 → Three phase: 4 wires, 3 CT (with neutral) Bit 3: FFT representation 0 → Absolute 1 → Relative to the I1 value 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 8: Voltage input type 0 → Normal load 1 → PWM modulated input (Inverter Load) 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 10, 14: Output switch initial condition 0 → Closed initial condition 1 → Windowed: closed contact between thresholds 2 → Open initial condition 3 → Windowed: closed contact outside thresholds Bit 15: Filtered measurement 0 → Filtering disabled 1 → Filtering enabled	unsigned short	R/W	16934: INPUT_1A_5A THREE_PHASE_4W_3CT FFT_REPRESENTATION_ABSOLUTE BUDEANU RS485_BEHAVIOUR FREQUENCY_DETECTION_ON_VOLTAGE NORMAL_INPUT ENERGY_SAVING_ENABLED FLOAT_TYPE INTEGRATOR_DISABLED OPEN_COND FILTERED_OUTPUT_DISABLED	40007
Led_settings	Set Fail LED Bit: 0 → Fail Eeprom (settings, calibration or Energy) 1 → Phase reversal 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
CT_Transducer_ratio	If Input 1A/5A → Current transformer ratio M/N (Ex: 600:5 → transducer_ratio = 120) If Input Rogowski / 333mV → (1 / Sensitivity) [A/V] (Ex: 100mV/1KA → transducer_ratio = 10000, 333mV/5A → transducer_ratio = 15)	float	R/W		40009
CT_Transducer_delay	Current transformer delay in [°] @ 50 Hz for accurate power calculation	float	R/W		40011
VT_Transducer_ratio	Voltage transformer ratio M/N - Default 1.0 (Ex: 1000:100 → transducer_ratio = 10)	float	R/W		40013

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VT 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
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
Alarm_Register_start_address	Float value Starting address for alarm (40361 V_L1_N, 40363 V_L2_N, 40365 V_L3_N, ecc)	unsigned short	R/W	40361	40036
Alarm_trip_value	Alarm Threshold for "closed" and "open" condition OR first alarm Threshold for "within threshold" and "Outside threshold" condition	float	R/W	0	40037
Alarm_hysteresis	Alarm Hysteresis	float	R/W	1	40039
Alarm_trip_value_2	Second alarm Threshold for "within threshold" and "Outside threshold" condition	float	R/W		40041
Power_Threshold_for_exceedings	Threshold for Power exceedings monitoring	float	R/W	0	40043
Nominal_Star_Voltage	Nominal Star Voltage for Sag, Swell, Interruption monitoring [V]	float	R/W	230	40045
Sag_percentage_level	Percentage over Nominal_Star_Voltage under which a Sag event is generated (default 0.9 = 90 %); must be over Interruption_percentage_level	float	R/W	0,9	40047
Swell_percentage_level	Percentage over Nominal_Star_Voltage over which a Swell event is generated (default 1.1 = 110 %)	float	R/W	1,1	40049
Interruption_percentage_level	Percentage over Nominal_Star_Voltage under which an Interruption event is generated (default 0.1 = 10 %)	float	R/W	0,1	40051
Minimum_duration_cutoff	Sag, Swell or Interruption events must be above this cutoff to be displayed and saved [ms]	unsigned short	R/W	0	40053
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

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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 N	Neutral 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
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 STAR AVG RMS AVG	Star voltage AVG RMS average [V] over "seconds for mean RMS"	float	R		40505
V STAR AVG RMS MAX	Star voltage AVG MAX RMS [V] over last "seconds for MAX RMS"	float	R		40507
V STAR AVG RMS min	Star voltage AVG Min RMS [V] over last"seconds for min RMS"	float	R		40509
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		40511
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		40513
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		40515
V L2 L3 RMS AVG	Line voltage L2-Line voltage L3-L1 RMS average [V] over "seconds for mean RMS"	float	R		40517
V L2 L3 RMS MAX	Line voltage L2-Line voltage L3-L1 MAX RMS [V] over last "seconds for MAX RMS"	float	R		40519
V L2 L3 RMS min	Line voltage L2-Line voltage L3-L1 Min RMS [V] over last"seconds for min RMS"	float	R		40521
V L3 L1 RMS AVG	Line voltage L3-L1 RMS average [V] over "seconds for mean RMS"	float	R		40523
V L3 L1 RMS MAX	Line voltage L3-L1 MAX RMS [V] over last "seconds for MAX RMS"	float	R		40525
V L3 L1 RMS min	Line voltage L3-L1 Min RMS [V] over last"seconds for min RMS"	float	R		40527
V LINE AVG RMS AVG	Line voltage AVG RMS average [V] over "seconds for mean RMS"	float	R		40529
V LINE AVG RMS MAX	Line voltage AVG MAX RMS [V] over last "seconds for MAX RMS"	float	R		40531
V LINE AVG RMS min	Line voltage AVG Min RMS [V] over last"seconds for min RMS"	float	R		40533
I L1 RMS AVG	L1 RMS average [A] over "seconds for mean RMS"	float	R		40535
I L1 RMS MAX	L1 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40537
I L1 RMS min	L1 Min RMS [A] over last"seconds for min RMS"	float	R		40539
I L2 RMS AVG	L2 RMS average [A] over "seconds for mean RMS"	float	R		40541
I L2 RMS MAX	L2 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40543
I L2 RMS min	L2 Min RMS [A] over last"seconds for min RMS"	float	R		40545
I L3 RMS AVG	L3 RMS average [A] over "seconds for mean RMS"	float	R		40547
I L3 RMS MAX	L3 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40549
I L3 RMS min	L3 Min RMS [A] over last"seconds for min RMS"	float	R		40551
I N RMS AVG	N RMS average [A] over "seconds for mean RMS"	float	R		40553
I N RMS MAX	N MAX RMS [A] over last "seconds for MAX RMS"	float	R		40555
I N RMS min	N Min RMS [A] over last"seconds for min RMS"	float	R		40557
I AVG RMS AVG	I AVG RMS average [A] over "seconds for mean RMS"	float	R		40559
I AVG RMS MAX	I AVG MAX RMS [A] over last "seconds for MAX RMS"	float	R		40561
I AVG RMS min	I AVG Min RMS [A] over last"seconds for min RMS"	float	R		40563
P1 RMS AVG	P1 RMS average [A] over "seconds for mean RMS"	float	R		40565
P1 RMS MAX	P1 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40567
P1 RMS min	P1 Min RMS [A] over last"seconds for min RMS"	float	R		40569
P2 RMS AVG	P2 RMS average [A] over "seconds for mean RMS"	float	R		40571
P2 RMS MAX	P2 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40573
P2 RMS min	P2 Min RMS [A] over last"seconds for min RMS"	float	R		40575
P3 RMS AVG	P3 RMS average [A] over "seconds for mean RMS"	float	R		40577
P3 RMS MAX	P3 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40579
P3 RMS min	P3 Min RMS [A] over last"seconds for min RMS"	float	R		40581
P SUM RMS AVG	P SUM RMS average [A] over "seconds for mean RMS"	float	R		40583
P SUM RMS MAX	P SUM MAX RMS [A] over last "seconds for MAX RMS"	float	R		40585
P SUM RMS min	P SUM Min RMS [A] over last"seconds for min RMS"	float	R		40587
Q1 RMS AVG	Q1 RMS average [A] over "seconds for mean RMS"	float	R		40589
Q1 RMS MAX	Q1 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40591
Q1 RMS min	Q1 Min RMS [A] over last"seconds for min RMS"	float	R		40593
Q2 RMS AVG	Q2 RMS average [A] over "seconds for mean RMS"	float	R		40595
Q2 RMS MAX	Q2 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40597
Q2 RMS min	Q2 Min RMS [A] over last"seconds for min RMS"	float	R		40599

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Q3 RMS_AVG	Q3 RMS average [A] over "seconds for mean RMS"	float	R		40601
Q3 RMS_MAX	Q3 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40603
Q3 RMS_min	Q3 Min RMS [A] over last "seconds for min RMS"	float	R		40605
Q SUM RMS_AVG	Q SUM RMS average [A] over "seconds for mean RMS"	float	R		40607
Q SUM RMS_MAX	Q SUM MAX RMS [A] over last "seconds for MAX RMS"	float	R		40609
Q SUM RMS_min	Q SUM Min RMS [A] over last "seconds for min RMS"	float	R		40611
S1 RMS_AVG	S1 RMS average [A] over "seconds for mean RMS"	float	R		40613
S1 RMS_MAX	S1 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40615
S1 RMS_min	S1 Min RMS [A] over last "seconds for min RMS"	float	R		40617
S2 RMS_AVG	S2 RMS average [A] over "seconds for mean RMS"	float	R		40619
S2 RMS_MAX	S2 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40621
S2 RMS_min	S2 Min RMS [A] over last "seconds for min RMS"	float	R		40623
S3 RMS_AVG	S3 RMS average [A] over "seconds for mean RMS"	float	R		40625
S3 RMS_MAX	S3 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40627
S3 RMS_min	S3 Min RMS [A] over last "seconds for min RMS"	float	R		40629
S SUM RMS_AVG	S SUM RMS average [A] over "seconds for mean RMS"	float	R		40631
S SUM RMS_MAX	S SUM MAX RMS [A] over last "seconds for MAX RMS"	float	R		40633
S SUM RMS_min	S SUM Min RMS [A] over last "seconds for min RMS"	float	R		40635
PF1 RMS_AVG	PF1 RMS average [A] over "seconds for mean RMS"	float	R		40637
PF1 RMS_MAX	PF1 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40639
PF1 RMS_min	PF1 Min RMS [A] over last "seconds for min RMS"	float	R		40641
PF2 RMS_AVG	PF2 RMS average [A] over "seconds for mean RMS"	float	R		40643
PF2 RMS_MAX	PF2 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40645
PF2 RMS_min	PF2 Min RMS [A] over last "seconds for min RMS"	float	R		40647
PF3 RMS_AVG	PF3 RMS average [A] over "seconds for mean RMS"	float	R		40649
PF3 RMS_MAX	PF3 MAX RMS [A] over last "seconds for MAX RMS"	float	R		40651
PF3 RMS_min	PF3 Min RMS [A] over last "seconds for min RMS"	float	R		40653
PF SUM RMS_AVG	PF SUM RMS average [A] over "seconds for mean RMS"	float	R		40655
PF SUM RMS_MAX	PF SUM MAX RMS [A] over last "seconds for MAX RMS"	float	R		40657
PF SUM RMS_min	PF SUM Min RMS [A] over last "seconds for min RMS"	float	R		40659
P1 Time over threshold	Time above threshold specified in "Power_Threshold_for_exceedings" for Active Power P1 [min]	float	R		40661
P2 Time over threshold	Time above threshold specified in "Power_Threshold_for_exceedings" for Active Power P2 [min]	float	R		40663
P3 Time over threshold	Time above threshold specified in "Power_Threshold_for_exceedings" for Active Power P3 [min]	float	R		40665
P SUM Time over threshold	Time above threshold specified in "Power_Threshold_for_exceedings" for Active Power P SUM [min]	float	R		40667
P1_MaxDemand	Max Demand over 15minutes for P1 for current month	float	R		40669
P2_MaxDemand	Max Demand over 15minutes for P2 for current month	float	R		40671
P3_MaxDemand	Max Demand over 15minutes for P3 for current month	float	R		40673
P SUM_MaxDemand	Max Demand over 15minutes for P three phase for current month	float	R		40675
Time_of_P1_MaxDemand	Time at which arises Max Demand over 15minutes for P1 for current month (month day hour minutes)	unsigned long	R		40677
Time_of_P2_MaxDemand	Time at which arises Max Demand over 15minutes for P2 for current month (month day hour minutes)	unsigned long	R		40679
Time_of_P3_MaxDemand	Time at which arises Max Demand over 15minutes for P3 for current month (month day hour minutes)	unsigned long	R		40681
Time_of_P SUM_MaxDemand	Time at which arises Max Demand over 15minutes for P three phase for current month (month day hour minutes)	unsigned long	R		40683
K_factor_I1	K-factor for I1, see IEEE Standard 1100-1992	float	R		40685
K_factor_I2	K-factor for I2, see IEEE Standard 1100-1992	float	R		40687
K_factor_I3	K-factor for I3, see IEEE Standard 1100-1992	float	R		40689
Year	RTC : year (2000-2099)	unsigned short	R/W		40691
Month	RTC : month (1-12)	unsigned short	R/W		40692
Day	RTC : day month (1-31)	unsigned short	R/W		40693
Hour	RTC : hour (0-23)	unsigned short	R/W		40694
Minute	RTC : minute (0-59)	unsigned short	R/W		40695
Seconds	RTC : second (0-59)	unsigned short	R/W		40696
THD_V_L1	THD Star Voltage L1	float	R		40697
THD_V_L2	THD Star Voltage L2	float	R		40699
THD_V_L3	THD Star Voltage L3	float	R		40701
THD_V_L12	THD Line Voltage L1-L2	float	R		40703
THD_V_L23	THD Line Voltage L2-L3	float	R		40705
THD_V_L31	THD Line Voltage L3-L1	float	R		40707
THD_I_L1	THD Line Current L1	float	R		40709
THD_I_L2	THD Line Current L2	float	R		40711
THD_I_L3	THD Line Current L3	float	R		40713
THD_I_N	THD Neutral Current	float	R		40715
TDD_I_L1	TDD Line Current L1	float	R		40717
TDD_I_L2	TDD Line Current L2	float	R		40719
TDD_I_L3	TDD Line Current L3	float	R		40721
V_L1N_H_0	Star Voltage L1-N Harmonic #0	float	R		40737
V_L1N_H_1	Star Voltage L1-N Harmonic #1	float	R		40739
V_L1N_H_2	Star Voltage L1-N Harmonic #2	float	R		40741
V_L1N_H_3	Star Voltage L1-N Harmonic #3	float	R		40743
V_L1N_H_4	Star Voltage L1-N Harmonic #4	float	R		40745
V_L1N_H_5	Star Voltage L1-N Harmonic #5	float	R		40747
V_L1N_H_6	Star Voltage L1-N Harmonic #6	float	R		40749
V_L1N_H_7	Star Voltage L1-N Harmonic #7	float	R		40751
V_L1N_H_8	Star Voltage L1-N Harmonic #8	float	R		40753
V_L1N_H_9	Star Voltage L1-N Harmonic #9	float	R		40755
V_L1N_H_10	Star Voltage L1-N Harmonic #10	float	R		40757
V_L1N_H_11	Star Voltage L1-N Harmonic #11	float	R		40759
V_L1N_H_12	Star Voltage L1-N Harmonic #12	float	R		40761
V_L1N_H_13	Star Voltage L1-N Harmonic #13	float	R		40763
V_L1N_H_14	Star Voltage L1-N Harmonic #14	float	R		40765
V_L1N_H_15	Star Voltage L1-N Harmonic #15	float	R		40767
V_L1N_H_16	Star Voltage L1-N Harmonic #16	float	R		40769
V_L1N_H_17	Star Voltage L1-N Harmonic #17	float	R		40771
V_L1N_H_18	Star Voltage L1-N Harmonic #18	float	R		40773
V_L1N_H_19	Star Voltage L1-N Harmonic #19	float	R		40775
V_L1N_H_20	Star Voltage L1-N Harmonic #20	float	R		40777
V_L1N_H_21	Star Voltage L1-N Harmonic #21	float	R		40779
V_L1N_H_22	Star Voltage L1-N Harmonic #22	float	R		40781
V_L1N_H_23	Star Voltage L1-N Harmonic #23	float	R		40783
V_L1N_H_24	Star Voltage L1-N Harmonic #24	float	R		40785
V_L1N_H_25	Star Voltage L1-N Harmonic #25	float	R		40787
V_L1N_H_26	Star Voltage L1-N Harmonic #26	float	R		40789
V_L1N_H_27	Star Voltage L1-N Harmonic #27	float	R		40791

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



V L1N H 28	Star Voltage L1-N Harmonic #28	float	R		40793
V L1N H 29	Star Voltage L1-N Harmonic #29	float	R		40795
V L1N H 30	Star Voltage L1-N Harmonic #30	float	R		40797
V L1N H 31	Star Voltage L1-N Harmonic #31	float	R		40799
V L1N H 32	Star Voltage L1-N Harmonic #32	float	R		40801
V L1N H 33	Star Voltage L1-N Harmonic #33	float	R		40803
V L1N H 34	Star Voltage L1-N Harmonic #34	float	R		40805
V L1N H 35	Star Voltage L1-N Harmonic #35	float	R		40807
V L1N H 36	Star Voltage L1-N Harmonic #36	float	R		40809
V L1N H 37	Star Voltage L1-N Harmonic #37	float	R		40811
V L1N H 38	Star Voltage L1-N Harmonic #38	float	R		40813
V L1N H 39	Star Voltage L1-N Harmonic #39	float	R		40815
V L1N H 40	Star Voltage L1-N Harmonic #40	float	R		40817
V L1N H 41	Star Voltage L1-N Harmonic #41	float	R		40819
V L1N H 42	Star Voltage L1-N Harmonic #42	float	R		40821
V L1N H 43	Star Voltage L1-N Harmonic #43	float	R		40823
V L1N H 44	Star Voltage L1-N Harmonic #44	float	R		40825
V L1N H 45	Star Voltage L1-N Harmonic #45	float	R		40827
V L1N H 46	Star Voltage L1-N Harmonic #46	float	R		40829
V L1N H 47	Star Voltage L1-N Harmonic #47	float	R		40831
V L1N H 48	Star Voltage L1-N Harmonic #48	float	R		40833
V L1N H 49	Star Voltage L1-N Harmonic #49	float	R		40835
V L1N H 50	Star Voltage L1-N Harmonic #50	float	R		40837
V L1N H 51	Star Voltage L1-N Harmonic #51	float	R		40839
V L1N H 52	Star Voltage L1-N Harmonic #52	float	R		40841
V L1N H 53	Star Voltage L1-N Harmonic #53	float	R		40843
V L1N H 54	Star Voltage L1-N Harmonic #54	float	R		40845
V L1N H 55	Star Voltage L1-N Harmonic #55	float	R		40847
V L1N H 56	Star Voltage L1-N Harmonic #56	float	R		40849
V L1N H 57	Star Voltage L1-N Harmonic #57	float	R		40851
V L1N H 58	Star Voltage L1-N Harmonic #58	float	R		40853
V L1N H 59	Star Voltage L1-N Harmonic #59	float	R		40855
V L1N H 60	Star Voltage L1-N Harmonic #60	float	R		40857
V L1N H 61	Star Voltage L1-N Harmonic #61	float	R		40859
V L1N H 62	Star Voltage L1-N Harmonic #62	float	R		40861
V L1N H 63	Star Voltage L1-N Harmonic #63	float	R		40863
V L2N H 0	Star Voltage L2-N Harmonic #0	float	R		40865
V L2N H 1	Star Voltage L2-N Harmonic #1	float	R		40867
V L2N H 2	Star Voltage L2-N Harmonic #2	float	R		40869
V L2N H 3	Star Voltage L2-N Harmonic #3	float	R		40871
V L2N H 4	Star Voltage L2-N Harmonic #4	float	R		40873
V L2N H 5	Star Voltage L2-N Harmonic #5	float	R		40875
V L2N H 6	Star Voltage L2-N Harmonic #6	float	R		40877
V L2N H 7	Star Voltage L2-N Harmonic #7	float	R		40879
V L2N H 8	Star Voltage L2-N Harmonic #8	float	R		40881
V L2N H 9	Star Voltage L2-N Harmonic #9	float	R		40883
V L2N H 10	Star Voltage L2-N Harmonic #10	float	R		40885
V L2N H 11	Star Voltage L2-N Harmonic #11	float	R		40887
V L2N H 12	Star Voltage L2-N Harmonic #12	float	R		40889
V L2N H 13	Star Voltage L2-N Harmonic #13	float	R		40891
V L2N H 14	Star Voltage L2-N Harmonic #14	float	R		40893
V L2N H 15	Star Voltage L2-N Harmonic #15	float	R		40895
V L2N H 16	Star Voltage L2-N Harmonic #16	float	R		40897
V L2N H 17	Star Voltage L2-N Harmonic #17	float	R		40899
V L2N H 18	Star Voltage L2-N Harmonic #18	float	R		40901
V L2N H 19	Star Voltage L2-N Harmonic #19	float	R		40903
V L2N H 20	Star Voltage L2-N Harmonic #20	float	R		40905
V L2N H 21	Star Voltage L2-N Harmonic #21	float	R		40907
V L2N H 22	Star Voltage L2-N Harmonic #22	float	R		40909
V L2N H 23	Star Voltage L2-N Harmonic #23	float	R		40911
V L2N H 24	Star Voltage L2-N Harmonic #24	float	R		40913
V L2N H 25	Star Voltage L2-N Harmonic #25	float	R		40915
V L2N H 26	Star Voltage L2-N Harmonic #26	float	R		40917
V L2N H 27	Star Voltage L2-N Harmonic #27	float	R		40919
V L2N H 28	Star Voltage L2-N Harmonic #28	float	R		40921
V L2N H 29	Star Voltage L2-N Harmonic #29	float	R		40923
V L2N H 30	Star Voltage L2-N Harmonic #30	float	R		40925
V L2N H 31	Star Voltage L2-N Harmonic #31	float	R		40927
V L2N H 32	Star Voltage L2-N Harmonic #32	float	R		40929
V L2N H 33	Star Voltage L2-N Harmonic #33	float	R		40931
V L2N H 34	Star Voltage L2-N Harmonic #34	float	R		40933
V L2N H 35	Star Voltage L2-N Harmonic #35	float	R		40935
V L2N H 36	Star Voltage L2-N Harmonic #36	float	R		40937
V L2N H 37	Star Voltage L2-N Harmonic #37	float	R		40939
V L2N H 38	Star Voltage L2-N Harmonic #38	float	R		40941
V L2N H 39	Star Voltage L2-N Harmonic #39	float	R		40943
V L2N H 40	Star Voltage L2-N Harmonic #40	float	R		40945
V L2N H 41	Star Voltage L2-N Harmonic #41	float	R		40947
V L2N H 42	Star Voltage L2-N Harmonic #42	float	R		40949
V L2N H 43	Star Voltage L2-N Harmonic #43	float	R		40951
V L2N H 44	Star Voltage L2-N Harmonic #44	float	R		40953
V L2N H 45	Star Voltage L2-N Harmonic #45	float	R		40955
V L2N H 46	Star Voltage L2-N Harmonic #46	float	R		40957
V L2N H 47	Star Voltage L2-N Harmonic #47	float	R		40959
V L2N H 48	Star Voltage L2-N Harmonic #48	float	R		40961
V L2N H 49	Star Voltage L2-N Harmonic #49	float	R		40963
V L2N H 50	Star Voltage L2-N Harmonic #50	float	R		40965
V L2N H 51	Star Voltage L2-N Harmonic #51	float	R		40967
V L2N H 52	Star Voltage L2-N Harmonic #52	float	R		40969
V L2N H 53	Star Voltage L2-N Harmonic #53	float	R		40971
V L2N H 54	Star Voltage L2-N Harmonic #54	float	R		40973
V L2N H 55	Star Voltage L2-N Harmonic #55	float	R		40975
V L2N H 56	Star Voltage L2-N Harmonic #56	float	R		40977
V L2N H 57	Star Voltage L2-N Harmonic #57	float	R		40979
V L2N H 58	Star Voltage L2-N Harmonic #58	float	R		40981
V L2N H 59	Star Voltage L2-N Harmonic #59	float	R		40983
V L2N H 60	Star Voltage L2-N Harmonic #60	float	R		40985

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
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MODBUS Register S1MMmA500Vxx



V L2N H 61	Star Voltage L2-N Harmonic #61	float	R		40987
V L2N H 62	Star Voltage L2-N Harmonic #62	float	R		40989
V L2N H 63	Star Voltage L2-N Harmonic #63	float	R		40991
V L3N H 0	Star Voltage L3-N Harmonic #0	float	R		40993
V L3N H 1	Star Voltage L3-N Harmonic #1	float	R		40995
V L3N H 2	Star Voltage L3-N Harmonic #2	float	R		40997
V L3N H 3	Star Voltage L3-N Harmonic #3	float	R		40999
V L3N H 4	Star Voltage L3-N Harmonic #4	float	R		41001
V L3N H 5	Star Voltage L3-N Harmonic #5	float	R		41003
V L3N H 6	Star Voltage L3-N Harmonic #6	float	R		41005
V L3N H 7	Star Voltage L3-N Harmonic #7	float	R		41007
V L3N H 8	Star Voltage L3-N Harmonic #8	float	R		41009
V L3N H 9	Star Voltage L3-N Harmonic #9	float	R		41011
V L3N H 10	Star Voltage L3-N Harmonic #10	float	R		41013
V L3N H 11	Star Voltage L3-N Harmonic #11	float	R		41015
V L3N H 12	Star Voltage L3-N Harmonic #12	float	R		41017
V L3N H 13	Star Voltage L3-N Harmonic #13	float	R		41019
V L3N H 14	Star Voltage L3-N Harmonic #14	float	R		41021
V L3N H 15	Star Voltage L3-N Harmonic #15	float	R		41023
V L3N H 16	Star Voltage L3-N Harmonic #16	float	R		41025
V L3N H 17	Star Voltage L3-N Harmonic #17	float	R		41027
V L3N H 18	Star Voltage L3-N Harmonic #18	float	R		41029
V L3N H 19	Star Voltage L3-N Harmonic #19	float	R		41031
V L3N H 20	Star Voltage L3-N Harmonic #20	float	R		41033
V L3N H 21	Star Voltage L3-N Harmonic #21	float	R		41035
V L3N H 22	Star Voltage L3-N Harmonic #22	float	R		41037
V L3N H 23	Star Voltage L3-N Harmonic #23	float	R		41039
V L3N H 24	Star Voltage L3-N Harmonic #24	float	R		41041
V L3N H 25	Star Voltage L3-N Harmonic #25	float	R		41043
V L3N H 26	Star Voltage L3-N Harmonic #26	float	R		41045
V L3N H 27	Star Voltage L3-N Harmonic #27	float	R		41047
V L3N H 28	Star Voltage L3-N Harmonic #28	float	R		41049
V L3N H 29	Star Voltage L3-N Harmonic #29	float	R		41051
V L3N H 30	Star Voltage L3-N Harmonic #30	float	R		41053
V L3N H 31	Star Voltage L3-N Harmonic #31	float	R		41055
V L3N H 32	Star Voltage L3-N Harmonic #32	float	R		41057
V L3N H 33	Star Voltage L3-N Harmonic #33	float	R		41059
V L3N H 34	Star Voltage L3-N Harmonic #34	float	R		41061
V L3N H 35	Star Voltage L3-N Harmonic #35	float	R		41063
V L3N H 36	Star Voltage L3-N Harmonic #36	float	R		41065
V L3N H 37	Star Voltage L3-N Harmonic #37	float	R		41067
V L3N H 38	Star Voltage L3-N Harmonic #38	float	R		41069
V L3N H 39	Star Voltage L3-N Harmonic #39	float	R		41071
V L3N H 40	Star Voltage L3-N Harmonic #40	float	R		41073
V L3N H 41	Star Voltage L3-N Harmonic #41	float	R		41075
V L3N H 42	Star Voltage L3-N Harmonic #42	float	R		41077
V L3N H 43	Star Voltage L3-N Harmonic #43	float	R		41079
V L3N H 44	Star Voltage L3-N Harmonic #44	float	R		41081
V L3N H 45	Star Voltage L3-N Harmonic #45	float	R		41083
V L3N H 46	Star Voltage L3-N Harmonic #46	float	R		41085
V L3N H 47	Star Voltage L3-N Harmonic #47	float	R		41087
V L3N H 48	Star Voltage L3-N Harmonic #48	float	R		41089
V L3N H 49	Star Voltage L3-N Harmonic #49	float	R		41091
V L3N H 50	Star Voltage L3-N Harmonic #50	float	R		41093
V L3N H 51	Star Voltage L3-N Harmonic #51	float	R		41095
V L3N H 52	Star Voltage L3-N Harmonic #52	float	R		41097
V L3N H 53	Star Voltage L3-N Harmonic #53	float	R		41099
V L3N H 54	Star Voltage L3-N Harmonic #54	float	R		41101
V L3N H 55	Star Voltage L3-N Harmonic #55	float	R		41103
V L3N H 56	Star Voltage L3-N Harmonic #56	float	R		41105
V L3N H 57	Star Voltage L3-N Harmonic #57	float	R		41107
V L3N H 58	Star Voltage L3-N Harmonic #58	float	R		41109
V L3N H 59	Star Voltage L3-N Harmonic #59	float	R		41111
V L3N H 60	Star Voltage L3-N Harmonic #60	float	R		41113
V L3N H 61	Star Voltage L3-N Harmonic #61	float	R		41115
V L3N H 62	Star Voltage L3-N Harmonic #62	float	R		41117
V L3N H 63	Star Voltage L3-N Harmonic #63	float	R		41119
V L12 H 0	Line Voltage L1-L2 Harmonic #0	float	R		41121
V L12 H 1	Line Voltage L1-L2 Harmonic #1	float	R		41123
V L12 H 2	Line Voltage L1-L2 Harmonic #2	float	R		41125
V L12 H 3	Line Voltage L1-L2 Harmonic #3	float	R		41127
V L12 H 4	Line Voltage L1-L2 Harmonic #4	float	R		41129
V L12 H 5	Line Voltage L1-L2 Harmonic #5	float	R		41131
V L12 H 6	Line Voltage L1-L2 Harmonic #6	float	R		41133
V L12 H 7	Line Voltage L1-L2 Harmonic #7	float	R		41135
V L12 H 8	Line Voltage L1-L2 Harmonic #8	float	R		41137
V L12 H 9	Line Voltage L1-L2 Harmonic #9	float	R		41139
V L12 H 10	Line Voltage L1-L2 Harmonic #10	float	R		41141
V L12 H 11	Line Voltage L1-L2 Harmonic #11	float	R		41143
V L12 H 12	Line Voltage L1-L2 Harmonic #12	float	R		41145
V L12 H 13	Line Voltage L1-L2 Harmonic #13	float	R		41147
V L12 H 14	Line Voltage L1-L2 Harmonic #14	float	R		41149
V L12 H 15	Line Voltage L1-L2 Harmonic #15	float	R		41151
V L12 H 16	Line Voltage L1-L2 Harmonic #16	float	R		41153
V L12 H 17	Line Voltage L1-L2 Harmonic #17	float	R		41155
V L12 H 18	Line Voltage L1-L2 Harmonic #18	float	R		41157
V L12 H 19	Line Voltage L1-L2 Harmonic #19	float	R		41159
V L12 H 20	Line Voltage L1-L2 Harmonic #20	float	R		41161
V L12 H 21	Line Voltage L1-L2 Harmonic #21	float	R		41163
V L12 H 22	Line Voltage L1-L2 Harmonic #22	float	R		41165
V L12 H 23	Line Voltage L1-L2 Harmonic #23	float	R		41167
V L12 H 24	Line Voltage L1-L2 Harmonic #24	float	R		41169
V L12 H 25	Line Voltage L1-L2 Harmonic #25	float	R		41171
V L12 H 26	Line Voltage L1-L2 Harmonic #26	float	R		41173
V L12 H 27	Line Voltage L1-L2 Harmonic #27	float	R		41175
V L12 H 28	Line Voltage L1-L2 Harmonic #28	float	R		41177
V L12 H 29	Line Voltage L1-L2 Harmonic #29	float	R		41179

	All versions
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MODBUS Register S1MMmA500Vxx



V L12 H 30	Line Voltage L1-L2 Harmonic #30	float	R		41181
V L12 H 31	Line Voltage L1-L2 Harmonic #31	float	R		41183
V L12 H 32	Line Voltage L1-L2 Harmonic #32	float	R		41185
V L12 H 33	Line Voltage L1-L2 Harmonic #33	float	R		41187
V L12 H 34	Line Voltage L1-L2 Harmonic #34	float	R		41189
V L12 H 35	Line Voltage L1-L2 Harmonic #35	float	R		41191
V L12 H 36	Line Voltage L1-L2 Harmonic #36	float	R		41193
V L12 H 37	Line Voltage L1-L2 Harmonic #37	float	R		41195
V L12 H 38	Line Voltage L1-L2 Harmonic #38	float	R		41197
V L12 H 39	Line Voltage L1-L2 Harmonic #39	float	R		41199
V L12 H 40	Line Voltage L1-L2 Harmonic #40	float	R		41201
V L12 H 41	Line Voltage L1-L2 Harmonic #41	float	R		41203
V L12 H 42	Line Voltage L1-L2 Harmonic #42	float	R		41205
V L12 H 43	Line Voltage L1-L2 Harmonic #43	float	R		41207
V L12 H 44	Line Voltage L1-L2 Harmonic #44	float	R		41209
V L12 H 45	Line Voltage L1-L2 Harmonic #45	float	R		41211
V L12 H 46	Line Voltage L1-L2 Harmonic #46	float	R		41213
V L12 H 47	Line Voltage L1-L2 Harmonic #47	float	R		41215
V L12 H 48	Line Voltage L1-L2 Harmonic #48	float	R		41217
V L12 H 49	Line Voltage L1-L2 Harmonic #49	float	R		41219
V L12 H 50	Line Voltage L1-L2 Harmonic #50	float	R		41221
V L12 H 51	Line Voltage L1-L2 Harmonic #51	float	R		41223
V L12 H 52	Line Voltage L1-L2 Harmonic #52	float	R		41225
V L12 H 53	Line Voltage L1-L2 Harmonic #53	float	R		41227
V L12 H 54	Line Voltage L1-L2 Harmonic #54	float	R		41229
V L12 H 55	Line Voltage L1-L2 Harmonic #55	float	R		41231
V L12 H 56	Line Voltage L1-L2 Harmonic #56	float	R		41233
V L12 H 57	Line Voltage L1-L2 Harmonic #57	float	R		41235
V L12 H 58	Line Voltage L1-L2 Harmonic #58	float	R		41237
V L12 H 59	Line Voltage L1-L2 Harmonic #59	float	R		41239
V L12 H 60	Line Voltage L1-L2 Harmonic #60	float	R		41241
V L12 H 61	Line Voltage L1-L2 Harmonic #61	float	R		41243
V L12 H 62	Line Voltage L1-L2 Harmonic #62	float	R		41245
V L12 H 63	Line Voltage L1-L2 Harmonic #63	float	R		41247
V L23 H 0	Line Voltage L2-L3 Harmonic #0	float	R		41249
V L23 H 1	Line Voltage L2-L3 Harmonic #1	float	R		41251
V L23 H 2	Line Voltage L2-L3 Harmonic #2	float	R		41253
V L23 H 3	Line Voltage L2-L3 Harmonic #3	float	R		41255
V L23 H 4	Line Voltage L2-L3 Harmonic #4	float	R		41257
V L23 H 5	Line Voltage L2-L3 Harmonic #5	float	R		41259
V L23 H 6	Line Voltage L2-L3 Harmonic #6	float	R		41261
V L23 H 7	Line Voltage L2-L3 Harmonic #7	float	R		41263
V L23 H 8	Line Voltage L2-L3 Harmonic #8	float	R		41265
V L23 H 9	Line Voltage L2-L3 Harmonic #9	float	R		41267
V L23 H 10	Line Voltage L2-L3 Harmonic #10	float	R		41269
V L23 H 11	Line Voltage L2-L3 Harmonic #11	float	R		41271
V L23 H 12	Line Voltage L2-L3 Harmonic #12	float	R		41273
V L23 H 13	Line Voltage L2-L3 Harmonic #13	float	R		41275
V L23 H 14	Line Voltage L2-L3 Harmonic #14	float	R		41277
V L23 H 15	Line Voltage L2-L3 Harmonic #15	float	R		41279
V L23 H 16	Line Voltage L2-L3 Harmonic #16	float	R		41281
V L23 H 17	Line Voltage L2-L3 Harmonic #17	float	R		41283
V L23 H 18	Line Voltage L2-L3 Harmonic #18	float	R		41285
V L23 H 19	Line Voltage L2-L3 Harmonic #19	float	R		41287
V L23 H 20	Line Voltage L2-L3 Harmonic #20	float	R		41289
V L23 H 21	Line Voltage L2-L3 Harmonic #21	float	R		41291
V L23 H 22	Line Voltage L2-L3 Harmonic #22	float	R		41293
V L23 H 23	Line Voltage L2-L3 Harmonic #23	float	R		41295
V L23 H 24	Line Voltage L2-L3 Harmonic #24	float	R		41297
V L23 H 25	Line Voltage L2-L3 Harmonic #25	float	R		41299
V L23 H 26	Line Voltage L2-L3 Harmonic #26	float	R		41301
V L23 H 27	Line Voltage L2-L3 Harmonic #27	float	R		41303
V L23 H 28	Line Voltage L2-L3 Harmonic #28	float	R		41305
V L23 H 29	Line Voltage L2-L3 Harmonic #29	float	R		41307
V L23 H 30	Line Voltage L2-L3 Harmonic #30	float	R		41309
V L23 H 31	Line Voltage L2-L3 Harmonic #31	float	R		41311
V L23 H 32	Line Voltage L2-L3 Harmonic #32	float	R		41313
V L23 H 33	Line Voltage L2-L3 Harmonic #33	float	R		41315
V L23 H 34	Line Voltage L2-L3 Harmonic #34	float	R		41317
V L23 H 35	Line Voltage L2-L3 Harmonic #35	float	R		41319
V L23 H 36	Line Voltage L2-L3 Harmonic #36	float	R		41321
V L23 H 37	Line Voltage L2-L3 Harmonic #37	float	R		41323
V L23 H 38	Line Voltage L2-L3 Harmonic #38	float	R		41325
V L23 H 39	Line Voltage L2-L3 Harmonic #39	float	R		41327
V L23 H 40	Line Voltage L2-L3 Harmonic #40	float	R		41329
V L23 H 41	Line Voltage L2-L3 Harmonic #41	float	R		41331
V L23 H 42	Line Voltage L2-L3 Harmonic #42	float	R		41333
V L23 H 43	Line Voltage L2-L3 Harmonic #43	float	R		41335
V L23 H 44	Line Voltage L2-L3 Harmonic #44	float	R		41337
V L23 H 45	Line Voltage L2-L3 Harmonic #45	float	R		41339
V L23 H 46	Line Voltage L2-L3 Harmonic #46	float	R		41341
V L23 H 47	Line Voltage L2-L3 Harmonic #47	float	R		41343
V L23 H 48	Line Voltage L2-L3 Harmonic #48	float	R		41345
V L23 H 49	Line Voltage L2-L3 Harmonic #49	float	R		41347
V L23 H 50	Line Voltage L2-L3 Harmonic #50	float	R		41349
V L23 H 51	Line Voltage L2-L3 Harmonic #51	float	R		41351
V L23 H 52	Line Voltage L2-L3 Harmonic #52	float	R		41353
V L23 H 53	Line Voltage L2-L3 Harmonic #53	float	R		41355
V L23 H 54	Line Voltage L2-L3 Harmonic #54	float	R		41357
V L23 H 55	Line Voltage L2-L3 Harmonic #55	float	R		41359
V L23 H 56	Line Voltage L2-L3 Harmonic #56	float	R		41361
V L23 H 57	Line Voltage L2-L3 Harmonic #57	float	R		41363
V L23 H 58	Line Voltage L2-L3 Harmonic #58	float	R		41365
V L23 H 59	Line Voltage L2-L3 Harmonic #59	float	R		41367
V L23 H 60	Line Voltage L2-L3 Harmonic #60	float	R		41369
V L23 H 61	Line Voltage L2-L3 Harmonic #61	float	R		41371
V L23 H 62	Line Voltage L2-L3 Harmonic #62	float	R		41373

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



V L23 H 63	Line Voltage L2-L3 Harmonic #63	float	R		41375
V L31 H 0	Line Voltage L3-L1 Harmonic #0	float	R		41377
V L31 H 1	Line Voltage L3-L1 Harmonic #1	float	R		41379
V L31 H 2	Line Voltage L3-L1 Harmonic #2	float	R		41381
V L31 H 3	Line Voltage L3-L1 Harmonic #3	float	R		41383
V L31 H 4	Line Voltage L3-L1 Harmonic #4	float	R		41385
V L31 H 5	Line Voltage L3-L1 Harmonic #5	float	R		41387
V L31 H 6	Line Voltage L3-L1 Harmonic #6	float	R		41389
V L31 H 7	Line Voltage L3-L1 Harmonic #7	float	R		41391
V L31 H 8	Line Voltage L3-L1 Harmonic #8	float	R		41393
V L31 H 9	Line Voltage L3-L1 Harmonic #9	float	R		41395
V L31 H 10	Line Voltage L3-L1 Harmonic #10	float	R		41397
V L31 H 11	Line Voltage L3-L1 Harmonic #11	float	R		41399
V L31 H 12	Line Voltage L3-L1 Harmonic #12	float	R		41401
V L31 H 13	Line Voltage L3-L1 Harmonic #13	float	R		41403
V L31 H 14	Line Voltage L3-L1 Harmonic #14	float	R		41405
V L31 H 15	Line Voltage L3-L1 Harmonic #15	float	R		41407
V L31 H 16	Line Voltage L3-L1 Harmonic #16	float	R		41409
V L31 H 17	Line Voltage L3-L1 Harmonic #17	float	R		41411
V L31 H 18	Line Voltage L3-L1 Harmonic #18	float	R		41413
V L31 H 19	Line Voltage L3-L1 Harmonic #19	float	R		41415
V L31 H 20	Line Voltage L3-L1 Harmonic #20	float	R		41417
V L31 H 21	Line Voltage L3-L1 Harmonic #21	float	R		41419
V L31 H 22	Line Voltage L3-L1 Harmonic #22	float	R		41421
V L31 H 23	Line Voltage L3-L1 Harmonic #23	float	R		41423
V L31 H 24	Line Voltage L3-L1 Harmonic #24	float	R		41425
V L31 H 25	Line Voltage L3-L1 Harmonic #25	float	R		41427
V L31 H 26	Line Voltage L3-L1 Harmonic #26	float	R		41429
V L31 H 27	Line Voltage L3-L1 Harmonic #27	float	R		41431
V L31 H 28	Line Voltage L3-L1 Harmonic #28	float	R		41433
V L31 H 29	Line Voltage L3-L1 Harmonic #29	float	R		41435
V L31 H 30	Line Voltage L3-L1 Harmonic #30	float	R		41437
V L31 H 31	Line Voltage L3-L1 Harmonic #31	float	R		41439
V L31 H 32	Line Voltage L3-L1 Harmonic #32	float	R		41441
V L31 H 33	Line Voltage L3-L1 Harmonic #33	float	R		41443
V L31 H 34	Line Voltage L3-L1 Harmonic #34	float	R		41445
V L31 H 35	Line Voltage L3-L1 Harmonic #35	float	R		41447
V L31 H 36	Line Voltage L3-L1 Harmonic #36	float	R		41449
V L31 H 37	Line Voltage L3-L1 Harmonic #37	float	R		41451
V L31 H 38	Line Voltage L3-L1 Harmonic #38	float	R		41453
V L31 H 39	Line Voltage L3-L1 Harmonic #39	float	R		41455
V L31 H 40	Line Voltage L3-L1 Harmonic #40	float	R		41457
V L31 H 41	Line Voltage L3-L1 Harmonic #41	float	R		41459
V L31 H 42	Line Voltage L3-L1 Harmonic #42	float	R		41461
V L31 H 43	Line Voltage L3-L1 Harmonic #43	float	R		41463
V L31 H 44	Line Voltage L3-L1 Harmonic #44	float	R		41465
V L31 H 45	Line Voltage L3-L1 Harmonic #45	float	R		41467
V L31 H 46	Line Voltage L3-L1 Harmonic #46	float	R		41469
V L31 H 47	Line Voltage L3-L1 Harmonic #47	float	R		41471
V L31 H 48	Line Voltage L3-L1 Harmonic #48	float	R		41473
V L31 H 49	Line Voltage L3-L1 Harmonic #49	float	R		41475
V L31 H 50	Line Voltage L3-L1 Harmonic #50	float	R		41477
V L31 H 51	Line Voltage L3-L1 Harmonic #51	float	R		41479
V L31 H 52	Line Voltage L3-L1 Harmonic #52	float	R		41481
V L31 H 53	Line Voltage L3-L1 Harmonic #53	float	R		41483
V L31 H 54	Line Voltage L3-L1 Harmonic #54	float	R		41485
V L31 H 55	Line Voltage L3-L1 Harmonic #55	float	R		41487
V L31 H 56	Line Voltage L3-L1 Harmonic #56	float	R		41489
V L31 H 57	Line Voltage L3-L1 Harmonic #57	float	R		41491
V L31 H 58	Line Voltage L3-L1 Harmonic #58	float	R		41493
V L31 H 59	Line Voltage L3-L1 Harmonic #59	float	R		41495
V L31 H 60	Line Voltage L3-L1 Harmonic #60	float	R		41497
V L31 H 61	Line Voltage L3-L1 Harmonic #61	float	R		41499
V L31 H 62	Line Voltage L3-L1 Harmonic #62	float	R		41501
V L31 H 63	Line Voltage L3-L1 Harmonic #63	float	R		41503
I L1 H 0	Line Current L1 Harmonic #0	float	R		41505
I L1 H 1	Line Current L1 Harmonic #1	float	R		41507
I L1 H 2	Line Current L1 Harmonic #2	float	R		41509
I L1 H 3	Line Current L1 Harmonic #3	float	R		41511
I L1 H 4	Line Current L1 Harmonic #4	float	R		41513
I L1 H 5	Line Current L1 Harmonic #5	float	R		41515
I L1 H 6	Line Current L1 Harmonic #6	float	R		41517
I L1 H 7	Line Current L1 Harmonic #7	float	R		41519
I L1 H 8	Line Current L1 Harmonic #8	float	R		41521
I L1 H 9	Line Current L1 Harmonic #9	float	R		41523
I L1 H 10	Line Current L1 Harmonic #10	float	R		41525
I L1 H 11	Line Current L1 Harmonic #11	float	R		41527
I L1 H 12	Line Current L1 Harmonic #12	float	R		41529
I L1 H 13	Line Current L1 Harmonic #13	float	R		41531
I L1 H 14	Line Current L1 Harmonic #14	float	R		41533
I L1 H 15	Line Current L1 Harmonic #15	float	R		41535
I L1 H 16	Line Current L1 Harmonic #16	float	R		41537
I L1 H 17	Line Current L1 Harmonic #17	float	R		41539
I L1 H 18	Line Current L1 Harmonic #18	float	R		41541
I L1 H 19	Line Current L1 Harmonic #19	float	R		41543
I L1 H 20	Line Current L1 Harmonic #20	float	R		41545
I L1 H 21	Line Current L1 Harmonic #21	float	R		41547
I L1 H 22	Line Current L1 Harmonic #22	float	R		41549
I L1 H 23	Line Current L1 Harmonic #23	float	R		41551
I L1 H 24	Line Current L1 Harmonic #24	float	R		41553
I L1 H 25	Line Current L1 Harmonic #25	float	R		41555
I L1 H 26	Line Current L1 Harmonic #26	float	R		41557
I L1 H 27	Line Current L1 Harmonic #27	float	R		41559
I L1 H 28	Line Current L1 Harmonic #28	float	R		41561
I L1 H 29	Line Current L1 Harmonic #29	float	R		41563
I L1 H 30	Line Current L1 Harmonic #30	float	R		41565
I L1 H 31	Line Current L1 Harmonic #31	float	R		41567

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



I L1 H 32	Line Current L1 Harmonic #32	float	R		41569
I L1 H 33	Line Current L1 Harmonic #33	float	R		41571
I L1 H 34	Line Current L1 Harmonic #34	float	R		41573
I L1 H 35	Line Current L1 Harmonic #35	float	R		41575
I L1 H 36	Line Current L1 Harmonic #36	float	R		41577
I L1 H 37	Line Current L1 Harmonic #37	float	R		41579
I L1 H 38	Line Current L1 Harmonic #38	float	R		41581
I L1 H 39	Line Current L1 Harmonic #39	float	R		41583
I L1 H 40	Line Current L1 Harmonic #40	float	R		41585
I L1 H 41	Line Current L1 Harmonic #41	float	R		41587
I L1 H 42	Line Current L1 Harmonic #42	float	R		41589
I L1 H 43	Line Current L1 Harmonic #43	float	R		41591
I L1 H 44	Line Current L1 Harmonic #44	float	R		41593
I L1 H 45	Line Current L1 Harmonic #45	float	R		41595
I L1 H 46	Line Current L1 Harmonic #46	float	R		41597
I L1 H 47	Line Current L1 Harmonic #47	float	R		41599
I L1 H 48	Line Current L1 Harmonic #48	float	R		41601
I L1 H 49	Line Current L1 Harmonic #49	float	R		41603
I L1 H 50	Line Current L1 Harmonic #50	float	R		41605
I L1 H 51	Line Current L1 Harmonic #51	float	R		41607
I L1 H 52	Line Current L1 Harmonic #52	float	R		41609
I L1 H 53	Line Current L1 Harmonic #53	float	R		41611
I L1 H 54	Line Current L1 Harmonic #54	float	R		41613
I L1 H 55	Line Current L1 Harmonic #55	float	R		41615
I L1 H 56	Line Current L1 Harmonic #56	float	R		41617
I L1 H 57	Line Current L1 Harmonic #57	float	R		41619
I L1 H 58	Line Current L1 Harmonic #58	float	R		41621
I L1 H 59	Line Current L1 Harmonic #59	float	R		41623
I L1 H 60	Line Current L1 Harmonic #60	float	R		41625
I L1 H 61	Line Current L1 Harmonic #61	float	R		41627
I L1 H 62	Line Current L1 Harmonic #62	float	R		41629
I L1 H 63	Line Current L1 Harmonic #63	float	R		41631
I L2 H 0	Line Current L2 Harmonic #0	float	R		41633
I L2 H 1	Line Current L2 Harmonic #1	float	R		41635
I L2 H 2	Line Current L2 Harmonic #2	float	R		41637
I L2 H 3	Line Current L2 Harmonic #3	float	R		41639
I L2 H 4	Line Current L2 Harmonic #4	float	R		41641
I L2 H 5	Line Current L2 Harmonic #5	float	R		41643
I L2 H 6	Line Current L2 Harmonic #6	float	R		41645
I L2 H 7	Line Current L2 Harmonic #7	float	R		41647
I L2 H 8	Line Current L2 Harmonic #8	float	R		41649
I L2 H 9	Line Current L2 Harmonic #9	float	R		41651
I L2 H 10	Line Current L2 Harmonic #10	float	R		41653
I L2 H 11	Line Current L2 Harmonic #11	float	R		41655
I L2 H 12	Line Current L2 Harmonic #12	float	R		41657
I L2 H 13	Line Current L2 Harmonic #13	float	R		41659
I L2 H 14	Line Current L2 Harmonic #14	float	R		41661
I L2 H 15	Line Current L2 Harmonic #15	float	R		41663
I L2 H 16	Line Current L2 Harmonic #16	float	R		41665
I L2 H 17	Line Current L2 Harmonic #17	float	R		41667
I L2 H 18	Line Current L2 Harmonic #18	float	R		41669
I L2 H 19	Line Current L2 Harmonic #19	float	R		41671
I L2 H 20	Line Current L2 Harmonic #20	float	R		41673
I L2 H 21	Line Current L2 Harmonic #21	float	R		41675
I L2 H 22	Line Current L2 Harmonic #22	float	R		41677
I L2 H 23	Line Current L2 Harmonic #23	float	R		41679
I L2 H 24	Line Current L2 Harmonic #24	float	R		41681
I L2 H 25	Line Current L2 Harmonic #25	float	R		41683
I L2 H 26	Line Current L2 Harmonic #26	float	R		41685
I L2 H 27	Line Current L2 Harmonic #27	float	R		41687
I L2 H 28	Line Current L2 Harmonic #28	float	R		41689
I L2 H 29	Line Current L2 Harmonic #29	float	R		41691
I L2 H 30	Line Current L2 Harmonic #30	float	R		41693
I L2 H 31	Line Current L2 Harmonic #31	float	R		41695
I L2 H 32	Line Current L2 Harmonic #32	float	R		41697
I L2 H 33	Line Current L2 Harmonic #33	float	R		41699
I L2 H 34	Line Current L2 Harmonic #34	float	R		41701
I L2 H 35	Line Current L2 Harmonic #35	float	R		41703
I L2 H 36	Line Current L2 Harmonic #36	float	R		41705
I L2 H 37	Line Current L2 Harmonic #37	float	R		41707
I L2 H 38	Line Current L2 Harmonic #38	float	R		41709
I L2 H 39	Line Current L2 Harmonic #39	float	R		41711
I L2 H 40	Line Current L2 Harmonic #40	float	R		41713
I L2 H 41	Line Current L2 Harmonic #41	float	R		41715
I L2 H 42	Line Current L2 Harmonic #42	float	R		41717
I L2 H 43	Line Current L2 Harmonic #43	float	R		41719
I L2 H 44	Line Current L2 Harmonic #44	float	R		41721
I L2 H 45	Line Current L2 Harmonic #45	float	R		41723
I L2 H 46	Line Current L2 Harmonic #46	float	R		41725
I L2 H 47	Line Current L2 Harmonic #47	float	R		41727
I L2 H 48	Line Current L2 Harmonic #48	float	R		41729
I L2 H 49	Line Current L2 Harmonic #49	float	R		41731
I L2 H 50	Line Current L2 Harmonic #50	float	R		41733
I L2 H 51	Line Current L2 Harmonic #51	float	R		41735
I L2 H 52	Line Current L2 Harmonic #52	float	R		41737
I L2 H 53	Line Current L2 Harmonic #53	float	R		41739
I L2 H 54	Line Current L2 Harmonic #54	float	R		41741
I L2 H 55	Line Current L2 Harmonic #55	float	R		41743
I L2 H 56	Line Current L2 Harmonic #56	float	R		41745
I L2 H 57	Line Current L2 Harmonic #57	float	R		41747
I L2 H 58	Line Current L2 Harmonic #58	float	R		41749
I L2 H 59	Line Current L2 Harmonic #59	float	R		41751
I L2 H 60	Line Current L2 Harmonic #60	float	R		41753
I L2 H 61	Line Current L2 Harmonic #61	float	R		41755
I L2 H 62	Line Current L2 Harmonic #62	float	R		41757
I L2 H 63	Line Current L2 Harmonic #63	float	R		41759
I L3 H 0	Line Current L3 Harmonic #0	float	R		41761

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



I L3 H 1	Line Current L3 Harmonic #1	float	R		41763
I L3 H 2	Line Current L3 Harmonic #2	float	R		41765
I L3 H 3	Line Current L3 Harmonic #3	float	R		41767
I L3 H 4	Line Current L3 Harmonic #4	float	R		41769
I L3 H 5	Line Current L3 Harmonic #5	float	R		41771
I L3 H 6	Line Current L3 Harmonic #6	float	R		41773
I L3 H 7	Line Current L3 Harmonic #7	float	R		41775
I L3 H 8	Line Current L3 Harmonic #8	float	R		41777
I L3 H 9	Line Current L3 Harmonic #9	float	R		41779
I L3 H 10	Line Current L3 Harmonic #10	float	R		41781
I L3 H 11	Line Current L3 Harmonic #11	float	R		41783
I L3 H 12	Line Current L3 Harmonic #12	float	R		41785
I L3 H 13	Line Current L3 Harmonic #13	float	R		41787
I L3 H 14	Line Current L3 Harmonic #14	float	R		41789
I L3 H 15	Line Current L3 Harmonic #15	float	R		41791
I L3 H 16	Line Current L3 Harmonic #16	float	R		41793
I L3 H 17	Line Current L3 Harmonic #17	float	R		41795
I L3 H 18	Line Current L3 Harmonic #18	float	R		41797
I L3 H 19	Line Current L3 Harmonic #19	float	R		41799
I L3 H 20	Line Current L3 Harmonic #20	float	R		41801
I L3 H 21	Line Current L3 Harmonic #21	float	R		41803
I L3 H 22	Line Current L3 Harmonic #22	float	R		41805
I L3 H 23	Line Current L3 Harmonic #23	float	R		41807
I L3 H 24	Line Current L3 Harmonic #24	float	R		41809
I L3 H 25	Line Current L3 Harmonic #25	float	R		41811
I L3 H 26	Line Current L3 Harmonic #26	float	R		41813
I L3 H 27	Line Current L3 Harmonic #27	float	R		41815
I L3 H 28	Line Current L3 Harmonic #28	float	R		41817
I L3 H 29	Line Current L3 Harmonic #29	float	R		41819
I L3 H 30	Line Current L3 Harmonic #30	float	R		41821
I L3 H 31	Line Current L3 Harmonic #31	float	R		41823
I L3 H 32	Line Current L3 Harmonic #32	float	R		41825
I L3 H 33	Line Current L3 Harmonic #33	float	R		41827
I L3 H 34	Line Current L3 Harmonic #34	float	R		41829
I L3 H 35	Line Current L3 Harmonic #35	float	R		41831
I L3 H 36	Line Current L3 Harmonic #36	float	R		41833
I L3 H 37	Line Current L3 Harmonic #37	float	R		41835
I L3 H 38	Line Current L3 Harmonic #38	float	R		41837
I L3 H 39	Line Current L3 Harmonic #39	float	R		41839
I L3 H 40	Line Current L3 Harmonic #40	float	R		41841
I L3 H 41	Line Current L3 Harmonic #41	float	R		41843
I L3 H 42	Line Current L3 Harmonic #42	float	R		41845
I L3 H 43	Line Current L3 Harmonic #43	float	R		41847
I L3 H 44	Line Current L3 Harmonic #44	float	R		41849
I L3 H 45	Line Current L3 Harmonic #45	float	R		41851
I L3 H 46	Line Current L3 Harmonic #46	float	R		41853
I L3 H 47	Line Current L3 Harmonic #47	float	R		41855
I L3 H 48	Line Current L3 Harmonic #48	float	R		41857
I L3 H 49	Line Current L3 Harmonic #49	float	R		41859
I L3 H 50	Line Current L3 Harmonic #50	float	R		41861
I L3 H 51	Line Current L3 Harmonic #51	float	R		41863
I L3 H 52	Line Current L3 Harmonic #52	float	R		41865
I L3 H 53	Line Current L3 Harmonic #53	float	R		41867
I L3 H 54	Line Current L3 Harmonic #54	float	R		41869
I L3 H 55	Line Current L3 Harmonic #55	float	R		41871
I L3 H 56	Line Current L3 Harmonic #56	float	R		41873
I L3 H 57	Line Current L3 Harmonic #57	float	R		41875
I L3 H 58	Line Current L3 Harmonic #58	float	R		41877
I L3 H 59	Line Current L3 Harmonic #59	float	R		41879
I L3 H 60	Line Current L3 Harmonic #60	float	R		41881
I L3 H 61	Line Current L3 Harmonic #61	float	R		41883
I L3 H 62	Line Current L3 Harmonic #62	float	R		41885
I L3 H 63	Line Current L3 Harmonic #63	float	R		41887
I N H 0	Line Current N Harmonic #0	float	R		41889
I N H 1	Line Current N Harmonic #1	float	R		41891
I N H 2	Line Current N Harmonic #2	float	R		41893
I N H 3	Line Current N Harmonic #3	float	R		41895
I N H 4	Line Current N Harmonic #4	float	R		41897
I N H 5	Line Current N Harmonic #5	float	R		41899
I N H 6	Line Current N Harmonic #6	float	R		41901
I N H 7	Line Current N Harmonic #7	float	R		41903
I N H 8	Line Current N Harmonic #8	float	R		41905
I N H 9	Line Current N Harmonic #9	float	R		41907
I N H 10	Line Current N Harmonic #10	float	R		41909
I N H 11	Line Current N Harmonic #11	float	R		41911
I N H 12	Line Current N Harmonic #12	float	R		41913
I N H 13	Line Current N Harmonic #13	float	R		41915
I N H 14	Line Current N Harmonic #14	float	R		41917
I N H 15	Line Current N Harmonic #15	float	R		41919
I N H 16	Line Current N Harmonic #16	float	R		41921
I N H 17	Line Current N Harmonic #17	float	R		41923
I N H 18	Line Current N Harmonic #18	float	R		41925
I N H 19	Line Current N Harmonic #19	float	R		41927
I N H 20	Line Current N Harmonic #20	float	R		41929
I N H 21	Line Current N Harmonic #21	float	R		41931
I N H 22	Line Current N Harmonic #22	float	R		41933
I N H 23	Line Current N Harmonic #23	float	R		41935
I N H 24	Line Current N Harmonic #24	float	R		41937
I N H 25	Line Current N Harmonic #25	float	R		41939
I N H 26	Line Current N Harmonic #26	float	R		41941
I N H 27	Line Current N Harmonic #27	float	R		41943
I N H 28	Line Current N Harmonic #28	float	R		41945
I N H 29	Line Current N Harmonic #29	float	R		41947
I N H 30	Line Current N Harmonic #30	float	R		41949
I N H 31	Line Current N Harmonic #31	float	R		41951
I N H 32	Line Current N Harmonic #32	float	R		41953
I N H 33	Line Current N Harmonic #33	float	R		41955

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



I N H 34	Line Current N Harmonic #34	float	R		41957
I N H 35	Line Current N Harmonic #35	float	R		41959
I N H 36	Line Current N Harmonic #36	float	R		41961
I N H 37	Line Current N Harmonic #37	float	R		41963
I N H 38	Line Current N Harmonic #38	float	R		41965
I N H 39	Line Current N Harmonic #39	float	R		41967
I N H 40	Line Current N Harmonic #40	float	R		41969
I N H 41	Line Current N Harmonic #41	float	R		41971
I N H 42	Line Current N Harmonic #42	float	R		41973
I N H 43	Line Current N Harmonic #43	float	R		41975
I N H 44	Line Current N Harmonic #44	float	R		41977
I N H 45	Line Current N Harmonic #45	float	R		41979
I N H 46	Line Current N Harmonic #46	float	R		41981
I N H 47	Line Current N Harmonic #47	float	R		41983
I N H 48	Line Current N Harmonic #48	float	R		41985
I N H 49	Line Current N Harmonic #49	float	R		41987
I N H 50	Line Current N Harmonic #50	float	R		41989
I N H 51	Line Current N Harmonic #51	float	R		41991
I N H 52	Line Current N Harmonic #52	float	R		41993
I N H 53	Line Current N Harmonic #53	float	R		41995
I N H 54	Line Current N Harmonic #54	float	R		41997
I N H 55	Line Current N Harmonic #55	float	R		41999
I N H 56	Line Current N Harmonic #56	float	R		42001
I N H 57	Line Current N Harmonic #57	float	R		42003
I N H 58	Line Current N Harmonic #58	float	R		42005
I N H 59	Line Current N Harmonic #59	float	R		42007
I N H 60	Line Current N Harmonic #60	float	R		42009
I N H 61	Line Current N Harmonic #61	float	R		42011
I N H 62	Line Current N Harmonic #62	float	R		42013
I N H 63	Line Current N Harmonic #63	float	R		42015
V L1N IH 0	Star Voltage L1-N InterHarmonic #0	float	R		42017
V L1N IH 1	Star Voltage L1-N InterHarmonic #1	float	R		42019
V L1N IH 2	Star Voltage L1-N InterHarmonic #2	float	R		42021
V L1N IH 3	Star Voltage L1-N InterHarmonic #3	float	R		42023
V L1N IH 4	Star Voltage L1-N InterHarmonic #4	float	R		42025
V L1N IH 5	Star Voltage L1-N InterHarmonic #5	float	R		42027
V L1N IH 6	Star Voltage L1-N InterHarmonic #6	float	R		42029
V L1N IH 7	Star Voltage L1-N InterHarmonic #7	float	R		42031
V L1N IH 8	Star Voltage L1-N InterHarmonic #8	float	R		42033
V L1N IH 9	Star Voltage L1-N InterHarmonic #9	float	R		42035
V L1N IH 10	Star Voltage L1-N InterHarmonic #10	float	R		42037
V L1N IH 11	Star Voltage L1-N InterHarmonic #11	float	R		42039
V L1N IH 12	Star Voltage L1-N InterHarmonic #12	float	R		42041
V L1N IH 13	Star Voltage L1-N InterHarmonic #13	float	R		42043
V L1N IH 14	Star Voltage L1-N InterHarmonic #14	float	R		42045
V L1N IH 15	Star Voltage L1-N InterHarmonic #15	float	R		42047
V L1N IH 16	Star Voltage L1-N InterHarmonic #16	float	R		42049
V L1N IH 17	Star Voltage L1-N InterHarmonic #17	float	R		42051
V L1N IH 18	Star Voltage L1-N InterHarmonic #18	float	R		42053
V L1N IH 19	Star Voltage L1-N InterHarmonic #19	float	R		42055
V L1N IH 20	Star Voltage L1-N InterHarmonic #20	float	R		42057
V L1N IH 21	Star Voltage L1-N InterHarmonic #21	float	R		42059
V L1N IH 22	Star Voltage L1-N InterHarmonic #22	float	R		42061
V L1N IH 23	Star Voltage L1-N InterHarmonic #23	float	R		42063
V L1N IH 24	Star Voltage L1-N InterHarmonic #24	float	R		42065
V L1N IH 25	Star Voltage L1-N InterHarmonic #25	float	R		42067
V L1N IH 26	Star Voltage L1-N InterHarmonic #26	float	R		42069
V L1N IH 27	Star Voltage L1-N InterHarmonic #27	float	R		42071
V L1N IH 28	Star Voltage L1-N InterHarmonic #28	float	R		42073
V L1N IH 29	Star Voltage L1-N InterHarmonic #29	float	R		42075
V L1N IH 30	Star Voltage L1-N InterHarmonic #30	float	R		42077
V L1N IH 31	Star Voltage L1-N InterHarmonic #31	float	R		42079
V L1N IH 32	Star Voltage L1-N InterHarmonic #32	float	R		42081
V L1N IH 33	Star Voltage L1-N InterHarmonic #33	float	R		42083
V L1N IH 34	Star Voltage L1-N InterHarmonic #34	float	R		42085
V L1N IH 35	Star Voltage L1-N InterHarmonic #35	float	R		42087
V L1N IH 36	Star Voltage L1-N InterHarmonic #36	float	R		42089
V L1N IH 37	Star Voltage L1-N InterHarmonic #37	float	R		42091
V L1N IH 38	Star Voltage L1-N InterHarmonic #38	float	R		42093
V L1N IH 39	Star Voltage L1-N InterHarmonic #39	float	R		42095
V L1N IH 40	Star Voltage L1-N InterHarmonic #40	float	R		42097
V L1N IH 41	Star Voltage L1-N InterHarmonic #41	float	R		42099
V L1N IH 42	Star Voltage L1-N InterHarmonic #42	float	R		42101
V L1N IH 43	Star Voltage L1-N InterHarmonic #43	float	R		42103
V L1N IH 44	Star Voltage L1-N InterHarmonic #44	float	R		42105
V L1N IH 45	Star Voltage L1-N InterHarmonic #45	float	R		42107
V L1N IH 46	Star Voltage L1-N InterHarmonic #46	float	R		42109
V L1N IH 47	Star Voltage L1-N InterHarmonic #47	float	R		42111
V L1N IH 48	Star Voltage L1-N InterHarmonic #48	float	R		42113
V L1N IH 49	Star Voltage L1-N InterHarmonic #49	float	R		42115
V L1N IH 50	Star Voltage L1-N InterHarmonic #50	float	R		42117
V L1N IH 51	Star Voltage L1-N InterHarmonic #51	float	R		42119
V L1N IH 52	Star Voltage L1-N InterHarmonic #52	float	R		42121
V L1N IH 53	Star Voltage L1-N InterHarmonic #53	float	R		42123
V L1N IH 54	Star Voltage L1-N InterHarmonic #54	float	R		42125
V L1N IH 55	Star Voltage L1-N InterHarmonic #55	float	R		42127
V L1N IH 56	Star Voltage L1-N InterHarmonic #56	float	R		42129
V L1N IH 57	Star Voltage L1-N InterHarmonic #57	float	R		42131
V L1N IH 58	Star Voltage L1-N InterHarmonic #58	float	R		42133
V L1N IH 59	Star Voltage L1-N InterHarmonic #59	float	R		42135
V L1N IH 60	Star Voltage L1-N InterHarmonic #60	float	R		42137
V L1N IH 61	Star Voltage L1-N InterHarmonic #61	float	R		42139
V L1N IH 62	Star Voltage L1-N InterHarmonic #62	float	R		42141
V L1N IH 63	Star Voltage L1-N InterHarmonic #63	float	R		42143
V L2N IH 0	Star Voltage L2-N InterHarmonic #0	float	R		42145
V L2N IH 1	Star Voltage L2-N InterHarmonic #1	float	R		42147
V L2N IH 2	Star Voltage L2-N InterHarmonic #2	float	R		42149

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



V L31 IH 38	Line Voltage L3-L1 InterHarmonic #38	float	R		42733
V L31 IH 39	Line Voltage L3-L1 InterHarmonic #39	float	R		42735
V L31 IH 40	Line Voltage L3-L1 InterHarmonic #40	float	R		42737
V L31 IH 41	Line Voltage L3-L1 InterHarmonic #41	float	R		42739
V L31 IH 42	Line Voltage L3-L1 InterHarmonic #42	float	R		42741
V L31 IH 43	Line Voltage L3-L1 InterHarmonic #43	float	R		42743
V L31 IH 44	Line Voltage L3-L1 InterHarmonic #44	float	R		42745
V L31 IH 45	Line Voltage L3-L1 InterHarmonic #45	float	R		42747
V L31 IH 46	Line Voltage L3-L1 InterHarmonic #46	float	R		42749
V L31 IH 47	Line Voltage L3-L1 InterHarmonic #47	float	R		42751
V L31 IH 48	Line Voltage L3-L1 InterHarmonic #48	float	R		42753
V L31 IH 49	Line Voltage L3-L1 InterHarmonic #49	float	R		42755
V L31 IH 50	Line Voltage L3-L1 InterHarmonic #50	float	R		42757
V L31 IH 51	Line Voltage L3-L1 InterHarmonic #51	float	R		42759
V L31 IH 52	Line Voltage L3-L1 InterHarmonic #52	float	R		42761
V L31 IH 53	Line Voltage L3-L1 InterHarmonic #53	float	R		42763
V L31 IH 54	Line Voltage L3-L1 InterHarmonic #54	float	R		42765
V L31 IH 55	Line Voltage L3-L1 InterHarmonic #55	float	R		42767
V L31 IH 56	Line Voltage L3-L1 InterHarmonic #56	float	R		42769
V L31 IH 57	Line Voltage L3-L1 InterHarmonic #57	float	R		42771
V L31 IH 58	Line Voltage L3-L1 InterHarmonic #58	float	R		42773
V L31 IH 59	Line Voltage L3-L1 InterHarmonic #59	float	R		42775
V L31 IH 60	Line Voltage L3-L1 InterHarmonic #60	float	R		42777
V L31 IH 61	Line Voltage L3-L1 InterHarmonic #61	float	R		42779
V L31 IH 62	Line Voltage L3-L1 InterHarmonic #62	float	R		42781
V L31 IH 63	Line Voltage L3-L1 InterHarmonic #63	float	R		42783
I L1 IH 0	Line Current L1 InterHarmonic #0	float	R		42785
I L1 IH 1	Line Current L1 InterHarmonic #1	float	R		42787
I L1 IH 2	Line Current L1 InterHarmonic #2	float	R		42789
I L1 IH 3	Line Current L1 InterHarmonic #3	float	R		42791
I L1 IH 4	Line Current L1 InterHarmonic #4	float	R		42793
I L1 IH 5	Line Current L1 InterHarmonic #5	float	R		42795
I L1 IH 6	Line Current L1 InterHarmonic #6	float	R		42797
I L1 IH 7	Line Current L1 InterHarmonic #7	float	R		42799
I L1 IH 8	Line Current L1 InterHarmonic #8	float	R		42801
I L1 IH 9	Line Current L1 InterHarmonic #9	float	R		42803
I L1 IH 10	Line Current L1 InterHarmonic #10	float	R		42805
I L1 IH 11	Line Current L1 InterHarmonic #11	float	R		42807
I L1 IH 12	Line Current L1 InterHarmonic #12	float	R		42809
I L1 IH 13	Line Current L1 InterHarmonic #13	float	R		42811
I L1 IH 14	Line Current L1 InterHarmonic #14	float	R		42813
I L1 IH 15	Line Current L1 InterHarmonic #15	float	R		42815
I L1 IH 16	Line Current L1 InterHarmonic #16	float	R		42817
I L1 IH 17	Line Current L1 InterHarmonic #17	float	R		42819
I L1 IH 18	Line Current L1 InterHarmonic #18	float	R		42821
I L1 IH 19	Line Current L1 InterHarmonic #19	float	R		42823
I L1 IH 20	Line Current L1 InterHarmonic #20	float	R		42825
I L1 IH 21	Line Current L1 InterHarmonic #21	float	R		42827
I L1 IH 22	Line Current L1 InterHarmonic #22	float	R		42829
I L1 IH 23	Line Current L1 InterHarmonic #23	float	R		42831
I L1 IH 24	Line Current L1 InterHarmonic #24	float	R		42833
I L1 IH 25	Line Current L1 InterHarmonic #25	float	R		42835
I L1 IH 26	Line Current L1 InterHarmonic #26	float	R		42837
I L1 IH 27	Line Current L1 InterHarmonic #27	float	R		42839
I L1 IH 28	Line Current L1 InterHarmonic #28	float	R		42841
I L1 IH 29	Line Current L1 InterHarmonic #29	float	R		42843
I L1 IH 30	Line Current L1 InterHarmonic #30	float	R		42845
I L1 IH 31	Line Current L1 InterHarmonic #31	float	R		42847
I L1 IH 32	Line Current L1 InterHarmonic #32	float	R		42849
I L1 IH 33	Line Current L1 InterHarmonic #33	float	R		42851
I L1 IH 34	Line Current L1 InterHarmonic #34	float	R		42853
I L1 IH 35	Line Current L1 InterHarmonic #35	float	R		42855
I L1 IH 36	Line Current L1 InterHarmonic #36	float	R		42857
I L1 IH 37	Line Current L1 InterHarmonic #37	float	R		42859
I L1 IH 38	Line Current L1 InterHarmonic #38	float	R		42861
I L1 IH 39	Line Current L1 InterHarmonic #39	float	R		42863
I L1 IH 40	Line Current L1 InterHarmonic #40	float	R		42865
I L1 IH 41	Line Current L1 InterHarmonic #41	float	R		42867
I L1 IH 42	Line Current L1 InterHarmonic #42	float	R		42869
I L1 IH 43	Line Current L1 InterHarmonic #43	float	R		42871
I L1 IH 44	Line Current L1 InterHarmonic #44	float	R		42873
I L1 IH 45	Line Current L1 InterHarmonic #45	float	R		42875
I L1 IH 46	Line Current L1 InterHarmonic #46	float	R		42877
I L1 IH 47	Line Current L1 InterHarmonic #47	float	R		42879
I L1 IH 48	Line Current L1 InterHarmonic #48	float	R		42881
I L1 IH 49	Line Current L1 InterHarmonic #49	float	R		42883
I L1 IH 50	Line Current L1 InterHarmonic #50	float	R		42885
I L1 IH 51	Line Current L1 InterHarmonic #51	float	R		42887
I L1 IH 52	Line Current L1 InterHarmonic #52	float	R		42889
I L1 IH 53	Line Current L1 InterHarmonic #53	float	R		42891
I L1 IH 54	Line Current L1 InterHarmonic #54	float	R		42893
I L1 IH 55	Line Current L1 InterHarmonic #55	float	R		42895
I L1 IH 56	Line Current L1 InterHarmonic #56	float	R		42897
I L1 IH 57	Line Current L1 InterHarmonic #57	float	R		42899
I L1 IH 58	Line Current L1 InterHarmonic #58	float	R		42901
I L1 IH 59	Line Current L1 InterHarmonic #59	float	R		42903
I L1 IH 60	Line Current L1 InterHarmonic #60	float	R		42905
I L1 IH 61	Line Current L1 InterHarmonic #61	float	R		42907
I L1 IH 62	Line Current L1 InterHarmonic #62	float	R		42909
I L1 IH 63	Line Current L1 InterHarmonic #63	float	R		42911
I L2 IH 0	Line Current L2 InterHarmonic #0	float	R		42913
I L2 IH 1	Line Current L2 InterHarmonic #1	float	R		42915
I L2 IH 2	Line Current L2 InterHarmonic #2	float	R		42917
I L2 IH 3	Line Current L2 InterHarmonic #3	float	R		42919
I L2 IH 4	Line Current L2 InterHarmonic #4	float	R		42921
I L2 IH 5	Line Current L2 InterHarmonic #5	float	R		42923
I L2 IH 6	Line Current L2 InterHarmonic #6	float	R		42925

	All versions
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	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



I L3 IH 40	Line Current L3 InterHarmonic #40	float	R		43121
I L3 IH 41	Line Current L3 InterHarmonic #41	float	R		43123
I L3 IH 42	Line Current L3 InterHarmonic #42	float	R		43125
I L3 IH 43	Line Current L3 InterHarmonic #43	float	R		43127
I L3 IH 44	Line Current L3 InterHarmonic #44	float	R		43129
I L3 IH 45	Line Current L3 InterHarmonic #45	float	R		43131
I L3 IH 46	Line Current L3 InterHarmonic #46	float	R		43133
I L3 IH 47	Line Current L3 InterHarmonic #47	float	R		43135
I L3 IH 48	Line Current L3 InterHarmonic #48	float	R		43137
I L3 IH 49	Line Current L3 InterHarmonic #49	float	R		43139
I L3 IH 50	Line Current L3 InterHarmonic #50	float	R		43141
I L3 IH 51	Line Current L3 InterHarmonic #51	float	R		43143
I L3 IH 52	Line Current L3 InterHarmonic #52	float	R		43145
I L3 IH 53	Line Current L3 InterHarmonic #53	float	R		43147
I L3 IH 54	Line Current L3 InterHarmonic #54	float	R		43149
I L3 IH 55	Line Current L3 InterHarmonic #55	float	R		43151
I L3 IH 56	Line Current L3 InterHarmonic #56	float	R		43153
I L3 IH 57	Line Current L3 InterHarmonic #57	float	R		43155
I L3 IH 58	Line Current L3 InterHarmonic #58	float	R		43157
I L3 IH 59	Line Current L3 InterHarmonic #59	float	R		43159
I L3 IH 60	Line Current L3 InterHarmonic #60	float	R		43161
I L3 IH 61	Line Current L3 InterHarmonic #61	float	R		43163
I L3 IH 62	Line Current L3 InterHarmonic #62	float	R		43165
I L3 IH 63	Line Current L3 InterHarmonic #63	float	R		43167
I N IH 0	Line Current N InterHarmonic #0	float	R		43169
I N IH 1	Line Current N InterHarmonic #1	float	R		43171
I N IH 2	Line Current N InterHarmonic #2	float	R		43173
I N IH 3	Line Current N InterHarmonic #3	float	R		43175
I N IH 4	Line Current N InterHarmonic #4	float	R		43177
I N IH 5	Line Current N InterHarmonic #5	float	R		43179
I N IH 6	Line Current N InterHarmonic #6	float	R		43181
I N IH 7	Line Current N InterHarmonic #7	float	R		43183
I N IH 8	Line Current N InterHarmonic #8	float	R		43185
I N IH 9	Line Current N InterHarmonic #9	float	R		43187
I N IH 10	Line Current N InterHarmonic #10	float	R		43189
I N IH 11	Line Current N InterHarmonic #11	float	R		43191
I N IH 12	Line Current N InterHarmonic #12	float	R		43193
I N IH 13	Line Current N InterHarmonic #13	float	R		43195
I N IH 14	Line Current N InterHarmonic #14	float	R		43197
I N IH 15	Line Current N InterHarmonic #15	float	R		43199
I N IH 16	Line Current N InterHarmonic #16	float	R		43201
I N IH 17	Line Current N InterHarmonic #17	float	R		43203
I N IH 18	Line Current N InterHarmonic #18	float	R		43205
I N IH 19	Line Current N InterHarmonic #19	float	R		43207
I N IH 20	Line Current N InterHarmonic #20	float	R		43209
I N IH 21	Line Current N InterHarmonic #21	float	R		43211
I N IH 22	Line Current N InterHarmonic #22	float	R		43213
I N IH 23	Line Current N InterHarmonic #23	float	R		43215
I N IH 24	Line Current N InterHarmonic #24	float	R		43217
I N IH 25	Line Current N InterHarmonic #25	float	R		43219
I N IH 26	Line Current N InterHarmonic #26	float	R		43221
I N IH 27	Line Current N InterHarmonic #27	float	R		43223
I N IH 28	Line Current N InterHarmonic #28	float	R		43225
I N IH 29	Line Current N InterHarmonic #29	float	R		43227
I N IH 30	Line Current N InterHarmonic #30	float	R		43229
I N IH 31	Line Current N InterHarmonic #31	float	R		43231
I N IH 32	Line Current N InterHarmonic #32	float	R		43233
I N IH 33	Line Current N InterHarmonic #33	float	R		43235
I N IH 34	Line Current N InterHarmonic #34	float	R		43237
I N IH 35	Line Current N InterHarmonic #35	float	R		43239
I N IH 36	Line Current N InterHarmonic #36	float	R		43241
I N IH 37	Line Current N InterHarmonic #37	float	R		43243
I N IH 38	Line Current N InterHarmonic #38	float	R		43245
I N IH 39	Line Current N InterHarmonic #39	float	R		43247
I N IH 40	Line Current N InterHarmonic #40	float	R		43249
I N IH 41	Line Current N InterHarmonic #41	float	R		43251
I N IH 42	Line Current N InterHarmonic #42	float	R		43253
I N IH 43	Line Current N InterHarmonic #43	float	R		43255
I N IH 44	Line Current N InterHarmonic #44	float	R		43257
I N IH 45	Line Current N InterHarmonic #45	float	R		43259
I N IH 46	Line Current N InterHarmonic #46	float	R		43261
I N IH 47	Line Current N InterHarmonic #47	float	R		43263
I N IH 48	Line Current N InterHarmonic #48	float	R		43265
I N IH 49	Line Current N InterHarmonic #49	float	R		43267
I N IH 50	Line Current N InterHarmonic #50	float	R		43269
I N IH 51	Line Current N InterHarmonic #51	float	R		43271
I N IH 52	Line Current N InterHarmonic #52	float	R		43273
I N IH 53	Line Current N InterHarmonic #53	float	R		43275
I N IH 54	Line Current N InterHarmonic #54	float	R		43277
I N IH 55	Line Current N InterHarmonic #55	float	R		43279
I N IH 56	Line Current N InterHarmonic #56	float	R		43281
I N IH 57	Line Current N InterHarmonic #57	float	R		43283
I N IH 58	Line Current N InterHarmonic #58	float	R		43285
I N IH 59	Line Current N InterHarmonic #59	float	R		43287
I N IH 60	Line Current N InterHarmonic #60	float	R		43289
I N IH 61	Line Current N InterHarmonic #61	float	R		43291
I N IH 62	Line Current N InterHarmonic #62	float	R		43293
I N IH 63	Line Current N InterHarmonic #63	float	R		43295
V SAG VALUE N 0	Voltage Sag RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-0	float	R		43297
V SAG YEAR N 0	Voltage Sag Year @ n-0	unsigned short	R		43299
V SAG MONTH N 0	Voltage Sag Month @ n-0	unsigned short	R		43300
V SAG DAY N 0	Voltage Sag Day @ n-0	unsigned short	R		43301
V SAG HOUR N 0	Voltage Sag Hour @ n-0	unsigned short	R		43302
V SAG MINUTE N 0	Voltage Sag Minute @ n-0	unsigned short	R		43303
V SAG SECOND N 0	Voltage Sag Second @ n-0	unsigned short	R		43304
V SAG DURATION N 0	Voltage Sag Duration [ms] @ n-0	unsigned short	R		43305

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	Only in S1MMmA500VHM version

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V_SAG_QUERY_N_0	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43306
V_SAG_VALUE_N_1	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-1	float	R		43307
V_SAG_YEAR_N_1	Voltage Sag Year @ n-1	unsigned short	R		43309
V_SAG_MONTH_N_1	Voltage Sag Month @ n-1	unsigned short	R		43310
V_SAG_DAY_N_1	Voltage Sag Day @ n-1	unsigned short	R		43311
V_SAG_HOUR_N_1	Voltage Sag Hour @ n-1	unsigned short	R		43312
V_SAG_MINUTE_N_1	Voltage Sag Minute @ n-1	unsigned short	R		43313
V_SAG_SECOND_N_1	Voltage Sag Second @ n-1	unsigned short	R		43314
V_SAG_DURATION_N_1	Voltage Sag Duration [ms] @ n-1	unsigned short	R		43315
V_SAG_QUERY_N_1	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43316
V_SAG_VALUE_N_2	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-2	float	R		43317
V_SAG_YEAR_N_2	Voltage Sag Year @ n-2	unsigned short	R		43319
V_SAG_MONTH_N_2	Voltage Sag Month @ n-2	unsigned short	R		43320
V_SAG_DAY_N_2	Voltage Sag Day @ n-2	unsigned short	R		43321
V_SAG_HOUR_N_2	Voltage Sag Hour @ n-2	unsigned short	R		43322
V_SAG_MINUTE_N_2	Voltage Sag Minute @ n-2	unsigned short	R		43323
V_SAG_SECOND_N_2	Voltage Sag Second @ n-2	unsigned short	R		43324
V_SAG_DURATION_N_2	Voltage Sag Duration [ms] @ n-2	unsigned short	R		43325
V_SAG_QUERY_N_2	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43326
V_SAG_VALUE_N_3	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-3	float	R		43327
V_SAG_YEAR_N_3	Voltage Sag Year @ n-3	unsigned short	R		43329
V_SAG_MONTH_N_3	Voltage Sag Month @ n-3	unsigned short	R		43330
V_SAG_DAY_N_3	Voltage Sag Day @ n-3	unsigned short	R		43331
V_SAG_HOUR_N_3	Voltage Sag Hour @ n-3	unsigned short	R		43332
V_SAG_MINUTE_N_3	Voltage Sag Minute @ n-3	unsigned short	R		43333
V_SAG_SECOND_N_3	Voltage Sag Second @ n-3	unsigned short	R		43334
V_SAG_DURATION_N_3	Voltage Sag Duration [ms] @ n-3	unsigned short	R		43335
V_SAG_QUERY_N_3	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43336
V_SAG_VALUE_N_4	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-4	float	R		43337
V_SAG_YEAR_N_4	Voltage Sag Year @ n-4	unsigned short	R		43339
V_SAG_MONTH_N_4	Voltage Sag Month @ n-4	unsigned short	R		43340
V_SAG_DAY_N_4	Voltage Sag Day @ n-4	unsigned short	R		43341
V_SAG_HOUR_N_4	Voltage Sag Hour @ n-4	unsigned short	R		43342
V_SAG_MINUTE_N_4	Voltage Sag Minute @ n-4	unsigned short	R		43343
V_SAG_SECOND_N_4	Voltage Sag Second @ n-4	unsigned short	R		43344
V_SAG_DURATION_N_4	Voltage Sag Duration [ms] @ n-4	unsigned short	R		43345
V_SAG_QUERY_N_4	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43346
V_SAG_VALUE_N_5	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-5	float	R		43347
V_SAG_YEAR_N_5	Voltage Sag Year @ n-5	unsigned short	R		43349
V_SAG_MONTH_N_5	Voltage Sag Month @ n-5	unsigned short	R		43350
V_SAG_DAY_N_5	Voltage Sag Day @ n-5	unsigned short	R		43351
V_SAG_HOUR_N_5	Voltage Sag Hour @ n-5	unsigned short	R		43352
V_SAG_MINUTE_N_5	Voltage Sag Minute @ n-5	unsigned short	R		43353
V_SAG_SECOND_N_5	Voltage Sag Second @ n-5	unsigned short	R		43354
V_SAG_DURATION_N_5	Voltage Sag Duration [ms] @ n-5	unsigned short	R		43355

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V_SAG_QUERY_N_5	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43356
V_SAG_VALUE_N_6	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-6	float	R		43357
V_SAG_YEAR_N_6	Voltage Sag Year @ n-6	unsigned short	R		43359
V_SAG_MONTH_N_6	Voltage Sag Month @ n-6	unsigned short	R		43360
V_SAG_DAY_N_6	Voltage Sag Day @ n-6	unsigned short	R		43361
V_SAG_HOUR_N_6	Voltage Sag Hour @ n-6	unsigned short	R		43362
V_SAG_MINUTE_N_6	Voltage Sag Minute @ n-6	unsigned short	R		43363
V_SAG_SECOND_N_6	Voltage Sag Second @ n-6	unsigned short	R		43364
V_SAG_DURATION_N_6	Voltage Sag Duration [ms] @ n-6	unsigned short	R		43365
V_SAG_QUERY_N_6	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43366
V_SAG_VALUE_N_7	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-7	float	R		43367
V_SAG_YEAR_N_7	Voltage Sag Year @ n-7	unsigned short	R		43369
V_SAG_MONTH_N_7	Voltage Sag Month @ n-7	unsigned short	R		43370
V_SAG_DAY_N_7	Voltage Sag Day @ n-7	unsigned short	R		43371
V_SAG_HOUR_N_7	Voltage Sag Hour @ n-7	unsigned short	R		43372
V_SAG_MINUTE_N_7	Voltage Sag Minute @ n-7	unsigned short	R		43373
V_SAG_SECOND_N_7	Voltage Sag Second @ n-7	unsigned short	R		43374
V_SAG_DURATION_N_7	Voltage Sag Duration [ms] @ n-7	unsigned short	R		43375
V_SAG_QUERY_N_7	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43376
V_SAG_VALUE_N_8	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-8	float	R		43377
V_SAG_YEAR_N_8	Voltage Sag Year @ n-8	unsigned short	R		43379
V_SAG_MONTH_N_8	Voltage Sag Month @ n-8	unsigned short	R		43380
V_SAG_DAY_N_8	Voltage Sag Day @ n-8	unsigned short	R		43381
V_SAG_HOUR_N_8	Voltage Sag Hour @ n-8	unsigned short	R		43382
V_SAG_MINUTE_N_8	Voltage Sag Minute @ n-8	unsigned short	R		43383
V_SAG_SECOND_N_8	Voltage Sag Second @ n-8	unsigned short	R		43384
V_SAG_DURATION_N_8	Voltage Sag Duration [ms] @ n-8	unsigned short	R		43385
V_SAG_QUERY_N_8	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43386
V_SAG_VALUE_N_9	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") @ n-9	float	R		43387
V_SAG_YEAR_N_9	Voltage Sag Year @ n-9	unsigned short	R		43389
V_SAG_MONTH_N_9	Voltage Sag Month @ n-9	unsigned short	R		43390
V_SAG_DAY_N_9	Voltage Sag Day @ n-9	unsigned short	R		43391
V_SAG_HOUR_N_9	Voltage Sag Hour @ n-9	unsigned short	R		43392
V_SAG_MINUTE_N_9	Voltage Sag Minute @ n-9	unsigned short	R		43393
V_SAG_SECOND_N_9	Voltage Sag Second @ n-9	unsigned short	R		43394
V_SAG_DURATION_N_9	Voltage Sag Duration [ms] @ n-9	unsigned short	R		43395
V_SAG_QUERY_N_9	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43396
V_SAG_VALUE_EEPROM	Voltage Sag RMS Value (between 10% and 90% "Nominal Star Voltage") EEPROM data	float	R		43397
V_SAG_YEAR_EEPROM	Voltage Sag Year EEPROM data	unsigned short	R		43399
V_SAG_MONTH_EEPROM	Voltage Sag Month EEPROM data	unsigned short	R		43400
V_SAG_DAY_EEPROM	Voltage Sag Day EEPROM data	unsigned short	R		43401
V_SAG_HOUR_EEPROM	Voltage Sag Hour EEPROM data	unsigned short	R		43402
V_SAG_MINUTE_EEPROM	Voltage Sag Minute EEPROM data	unsigned short	R		43403
V_SAG_SECOND_EEPROM	Voltage Sag Second EEPROM data	unsigned short	R		43404
V_SAG_DURATION_EEPROM	Voltage Sag Duration [ms] EEPROM data	unsigned short	R		43405

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V_SAG_QUERY_EEPROM	Voltage Sag Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43406
V_SWELL_VALUE_N_0	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-0	float	R		43407
V_SWELL_YEAR_N_0	Voltage Swell Year @ n-0	unsigned short	R		43409
V_SWELL_MONTH_N_0	Voltage Swell Month @ n-0	unsigned short	R		43410
V_SWELL_DAY_N_0	Voltage Swell Day @ n-0	unsigned short	R		43411
V_SWELL_HOUR_N_0	Voltage Swell Hour @ n-0	unsigned short	R		43412
V_SWELL_MINUTE_N_0	Voltage Swell Minute @ n-0	unsigned short	R		43413
V_SWELL_SECOND_N_0	Voltage Swell Second @ n-0	unsigned short	R		43414
V_SWELL_DURATION_N_0	Voltage Swell Duration [ms] @ n-0	unsigned short	R		43415
V_SWELL_QUERY_N_0	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43416
V_SWELL_VALUE_N_1	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-1	float	R		43417
V_SWELL_YEAR_N_1	Voltage Swell Year @ n-1	unsigned short	R		43419
V_SWELL_MONTH_N_1	Voltage Swell Month @ n-1	unsigned short	R		43420
V_SWELL_DAY_N_1	Voltage Swell Day @ n-1	unsigned short	R		43421
V_SWELL_HOUR_N_1	Voltage Swell Hour @ n-1	unsigned short	R		43422
V_SWELL_MINUTE_N_1	Voltage Swell Minute @ n-1	unsigned short	R		43423
V_SWELL_SECOND_N_1	Voltage Swell Second @ n-1	unsigned short	R		43424
V_SWELL_DURATION_N_1	Voltage Swell Duration [ms] @ n-1	unsigned short	R		43425
V_SWELL_QUERY_N_1	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43426
V_SWELL_VALUE_N_2	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-2	float	R		43427
V_SWELL_YEAR_N_2	Voltage Swell Year @ n-2	unsigned short	R		43429
V_SWELL_MONTH_N_2	Voltage Swell Month @ n-2	unsigned short	R		43430
V_SWELL_DAY_N_2	Voltage Swell Day @ n-2	unsigned short	R		43431
V_SWELL_HOUR_N_2	Voltage Swell Hour @ n-2	unsigned short	R		43432
V_SWELL_MINUTE_N_2	Voltage Swell Minute @ n-2	unsigned short	R		43433
V_SWELL_SECOND_N_2	Voltage Swell Second @ n-2	unsigned short	R		43434
V_SWELL_DURATION_N_2	Voltage Swell Duration [ms] @ n-2	unsigned short	R		43435
V_SWELL_QUERY_N_2	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43436
V_SWELL_VALUE_N_3	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-3	float	R		43437
V_SWELL_YEAR_N_3	Voltage Swell Year @ n-3	unsigned short	R		43439
V_SWELL_MONTH_N_3	Voltage Swell Month @ n-3	unsigned short	R		43440
V_SWELL_DAY_N_3	Voltage Swell Day @ n-3	unsigned short	R		43441
V_SWELL_HOUR_N_3	Voltage Swell Hour @ n-3	unsigned short	R		43442
V_SWELL_MINUTE_N_3	Voltage Swell Minute @ n-3	unsigned short	R		43443
V_SWELL_SECOND_N_3	Voltage Swell Second @ n-3	unsigned short	R		43444
V_SWELL_DURATION_N_3	Voltage Swell Duration [ms] @ n-3	unsigned short	R		43445
V_SWELL_QUERY_N_3	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43446
V_SWELL_VALUE_N_4	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-4	float	R		43447
V_SWELL_YEAR_N_4	Voltage Swell Year @ n-4	unsigned short	R		43449
V_SWELL_MONTH_N_4	Voltage Swell Month @ n-4	unsigned short	R		43450
V_SWELL_DAY_N_4	Voltage Swell Day @ n-4	unsigned short	R		43451
V_SWELL_HOUR_N_4	Voltage Swell Hour @ n-4	unsigned short	R		43452
V_SWELL_MINUTE_N_4	Voltage Swell Minute @ n-4	unsigned short	R		43453
V_SWELL_SECOND_N_4	Voltage Swell Second @ n-4	unsigned short	R		43454
V_SWELL_DURATION_N_4	Voltage Swell Duration [ms] @ n-4	unsigned short	R		43455

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V_SWELL_QUERY_N_4	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43456
V_SWELL_VALUE_N_5	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-5	float	R		43457
V_SWELL_YEAR_N_5	Voltage Swell Year @ n-5	unsigned short	R		43459
V_SWELL_MONTH_N_5	Voltage Swell Month @ n-5	unsigned short	R		43460
V_SWELL_DAY_N_5	Voltage Swell Day @ n-5	unsigned short	R		43461
V_SWELL_HOUR_N_5	Voltage Swell Hour @ n-5	unsigned short	R		43462
V_SWELL_MINUTE_N_5	Voltage Swell Minute @ n-5	unsigned short	R		43463
V_SWELL_SECOND_N_5	Voltage Swell Second @ n-5	unsigned short	R		43464
V_SWELL_DURATION_N_5	Voltage Swell Duration [ms] @ n-5	unsigned short	R		43465
V_SWELL_QUERY_N_5	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43466
V_SWELL_VALUE_N_6	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-6	float	R		43467
V_SWELL_YEAR_N_6	Voltage Swell Year @ n-6	unsigned short	R		43469
V_SWELL_MONTH_N_6	Voltage Swell Month @ n-6	unsigned short	R		43470
V_SWELL_DAY_N_6	Voltage Swell Day @ n-6	unsigned short	R		43471
V_SWELL_HOUR_N_6	Voltage Swell Hour @ n-6	unsigned short	R		43472
V_SWELL_MINUTE_N_6	Voltage Swell Minute @ n-6	unsigned short	R		43473
V_SWELL_SECOND_N_6	Voltage Swell Second @ n-6	unsigned short	R		43474
V_SWELL_DURATION_N_6	Voltage Swell Duration [ms] @ n-6	unsigned short	R		43475
V_SWELL_QUERY_N_6	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43476
V_SWELL_VALUE_N_7	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-7	float	R		43477
V_SWELL_YEAR_N_7	Voltage Swell Year @ n-7	unsigned short	R		43479
V_SWELL_MONTH_N_7	Voltage Swell Month @ n-7	unsigned short	R		43480
V_SWELL_DAY_N_7	Voltage Swell Day @ n-7	unsigned short	R		43481
V_SWELL_HOUR_N_7	Voltage Swell Hour @ n-7	unsigned short	R		43482
V_SWELL_MINUTE_N_7	Voltage Swell Minute @ n-7	unsigned short	R		43483
V_SWELL_SECOND_N_7	Voltage Swell Second @ n-7	unsigned short	R		43484
V_SWELL_DURATION_N_7	Voltage Swell Duration [ms] @ n-7	unsigned short	R		43485
V_SWELL_QUERY_N_7	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43486
V_SWELL_VALUE_N_8	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-8	float	R		43487
V_SWELL_YEAR_N_8	Voltage Swell Year @ n-8	unsigned short	R		43489
V_SWELL_MONTH_N_8	Voltage Swell Month @ n-8	unsigned short	R		43490
V_SWELL_DAY_N_8	Voltage Swell Day @ n-8	unsigned short	R		43491
V_SWELL_HOUR_N_8	Voltage Swell Hour @ n-8	unsigned short	R		43492
V_SWELL_MINUTE_N_8	Voltage Swell Minute @ n-8	unsigned short	R		43493
V_SWELL_SECOND_N_8	Voltage Swell Second @ n-8	unsigned short	R		43494
V_SWELL_DURATION_N_8	Voltage Swell Duration [ms] @ n-8	unsigned short	R		43495
V_SWELL_QUERY_N_8	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43496
V_SWELL_VALUE_N_9	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-9	float	R		43497
V_SWELL_YEAR_N_9	Voltage Swell Year @ n-9	unsigned short	R		43499
V_SWELL_MONTH_N_9	Voltage Swell Month @ n-9	unsigned short	R		43500
V_SWELL_DAY_N_9	Voltage Swell Day @ n-9	unsigned short	R		43501
V_SWELL_HOUR_N_9	Voltage Swell Hour @ n-9	unsigned short	R		43502
V_SWELL_MINUTE_N_9	Voltage Swell Minute @ n-9	unsigned short	R		43503
V_SWELL_SECOND_N_9	Voltage Swell Second @ n-9	unsigned short	R		43504
V_SWELL_DURATION_N_9	Voltage Swell Duration [ms] @ n-9	unsigned short	R		43505

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

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V_SWELL_QUERY_N_9	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43506
V_SWELL_VALUE_EEPROM	Voltage Swell RMS Value (between 10% and 90% "Nominal_Star_Voltage") EEPROM data	float	R		43507
V_SWELL_YEAR_EEPROM	Voltage Swell Year EEPROM data	unsigned short	R		43509
V_SWELL_MONTH_EEPROM	Voltage Swell Month EEPROM data	unsigned short	R		43510
V_SWELL_DAY_EEPROM	Voltage Swell Day EEPROM data	unsigned short	R		43511
V_SWELL_HOUR_EEPROM	Voltage Swell Hour EEPROM data	unsigned short	R		43512
V_SWELL_MINUTE_EEPROM	Voltage Swell Minute EEPROM data	unsigned short	R		43513
V_SWELL_SECOND_EEPROM	Voltage Swell Second EEPROM data	unsigned short	R		43514
V_SWELL_DURATION_EEPROM	Voltage Swell Duration [ms] EEPROM data	unsigned short	R		43515
V_SWELL_QUERY_EEPROM	Voltage Swell Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43516
V_INTERRUPT_VALUE_N_0	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-0	float	R		43517
V_INTERRUPT_YEAR_N_0	Voltage Interruption Year @ n-0	unsigned short	R		43519
V_INTERRUPT_MONTH_N_0	Voltage Interruption Month @ n-0	unsigned short	R		43520
V_INTERRUPT_DAY_N_0	Voltage Interruption Day @ n-0	unsigned short	R		43521
V_INTERRUPT_HOUR_N_0	Voltage Interruption Hour @ n-0	unsigned short	R		43522
V_INTERRUPT_MINUTE_N_0	Voltage Interruption Minute @ n-0	unsigned short	R		43523
V_INTERRUPT_SECOND_N_0	Voltage Interruption Second @ n-0	unsigned short	R		43524
V_INTERRUPT_DURATION_N_0	Voltage Interruption Duration [ms] @ n-0	unsigned short	R		43525
V_INTERRUPT_QUERY_N_0	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43526
V_INTERRUPT_VALUE_N_1	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-1	float	R		43527
V_INTERRUPT_YEAR_N_1	Voltage Interruption Year @ n-1	unsigned short	R		43529
V_INTERRUPT_MONTH_N_1	Voltage Interruption Month @ n-1	unsigned short	R		43530
V_INTERRUPT_DAY_N_1	Voltage Interruption Day @ n-1	unsigned short	R		43531
V_INTERRUPT_HOUR_N_1	Voltage Interruption Hour @ n-1	unsigned short	R		43532
V_INTERRUPT_MINUTE_N_1	Voltage Interruption Minute @ n-1	unsigned short	R		43533
V_INTERRUPT_SECOND_N_1	Voltage Interruption Second @ n-1	unsigned short	R		43534
V_INTERRUPT_DURATION_N_1	Voltage Interruption Duration [ms] @ n-1	unsigned short	R		43535
V_INTERRUPT_QUERY_N_1	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43536
V_INTERRUPT_VALUE_N_2	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-2	float	R		43537
V_INTERRUPT_YEAR_N_2	Voltage Interruption Year @ n-2	unsigned short	R		43539
V_INTERRUPT_MONTH_N_2	Voltage Interruption Month @ n-2	unsigned short	R		43540
V_INTERRUPT_DAY_N_2	Voltage Interruption Day @ n-2	unsigned short	R		43541
V_INTERRUPT_HOUR_N_2	Voltage Interruption Hour @ n-2	unsigned short	R		43542
V_INTERRUPT_MINUTE_N_2	Voltage Interruption Minute @ n-2	unsigned short	R		43543

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

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V_INTERRUPTIO	N 2	Voltage Interruption Second @ n-2	unsigned short	R		43544
V_INTERRUPTIO	N 2	Voltage Interruption Duration [ms] @ n-2	unsigned short	R		43545
V_INTERRUPTIO	N 2	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43546
V_INTERRUPTIO	N 3	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-3	float	R		43547
V_INTERRUPTIO	N 3	Voltage Interruption Year @ n-3	unsigned short	R		43549
V_INTERRUPTIO	N 3	Voltage Interruption Month @ n-3	unsigned short	R		43550
V_INTERRUPTIO	N 3	Voltage Interruption Day @ n-3	unsigned short	R		43551
V_INTERRUPTIO	N 3	Voltage Interruption Hour @ n-3	unsigned short	R		43552
V_INTERRUPTIO	N 3	Voltage Interruption Minute @ n-3	unsigned short	R		43553
V_INTERRUPTIO	N 3	Voltage Interruption Second @ n-3	unsigned short	R		43554
V_INTERRUPTIO	N 3	Voltage Interruption Duration [ms] @ n-3	unsigned short	R		43555
V_INTERRUPTIO	N 3	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43556
V_INTERRUPTIO	N 4	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-4	float	R		43557
V_INTERRUPTIO	N 4	Voltage Interruption Year @ n-4	unsigned short	R		43559
V_INTERRUPTIO	N 4	Voltage Interruption Month @ n-4	unsigned short	R		43560
V_INTERRUPTIO	N 4	Voltage Interruption Day @ n-4	unsigned short	R		43561
V_INTERRUPTIO	N 4	Voltage Interruption Hour @ n-4	unsigned short	R		43562
V_INTERRUPTIO	N 4	Voltage Interruption Minute @ n-4	unsigned short	R		43563
V_INTERRUPTIO	N 4	Voltage Interruption Second @ n-4	unsigned short	R		43564
V_INTERRUPTIO	N 4	Voltage Interruption Duration [ms] @ n-4	unsigned short	R		43565
V_INTERRUPTIO	N 4	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43566
V_INTERRUPTIO	N 5	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-5	float	R		43567
V_INTERRUPTIO	N 5	Voltage Interruption Year @ n-5	unsigned short	R		43569
V_INTERRUPTIO	N 5	Voltage Interruption Month @ n-5	unsigned short	R		43570
V_INTERRUPTIO	N 5	Voltage Interruption Day @ n-5	unsigned short	R		43571
V_INTERRUPTIO	N 5	Voltage Interruption Hour @ n-5	unsigned short	R		43572
V_INTERRUPTIO	N 5	Voltage Interruption Minute @ n-5	unsigned short	R		43573
V_INTERRUPTIO	N 5	Voltage Interruption Second @ n-5	unsigned short	R		43574
V_INTERRUPTIO	N 5	Voltage Interruption Duration [ms] @ n-5	unsigned short	R		43575
V_INTERRUPTIO	N 5	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43576
V_INTERRUPTIO	N 6	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-6	float	R		43577
V_INTERRUPTIO	N 6	Voltage Interruption Year @ n-6	unsigned short	R		43579

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

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V_INTERRUPTIO	N 6	Voltage Interruption Month @ n-6	unsigned short	R		43580
V_INTERRUPTIO	DAY_N 6	Voltage Interruption Day @ n-6	unsigned short	R		43581
V_INTERRUPTIO	HO	Voltage Interruption Hour @ n-6	unsigned short	R		43582
V_INTERRUPTIO	MINUTE_N 6	Voltage Interruption Minute @ n-6	unsigned short	R		43583
V_INTERRUPTIO	SECOND_N 6	Voltage Interruption Second @ n-6	unsigned short	R		43584
V_INTERRUPTIO	DURATIO	Voltage Interruption Duration [ms] @ n-6	unsigned short	R		43585
V_INTERRUPTIO	QUERY_N 6	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43586
V_INTERRUPTIO	VALUE_N 7	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-7	float	R		43587
V_INTERRUPTIO	YEAR_N 7	Voltage Interruption Year @ n-7	unsigned short	R		43589
V_INTERRUPTIO	MONTH_N 7	Voltage Interruption Month @ n-7	unsigned short	R		43590
V_INTERRUPTIO	DAY_N 7	Voltage Interruption Day @ n-7	unsigned short	R		43591
V_INTERRUPTIO	HO	Voltage Interruption Hour @ n-7	unsigned short	R		43592
V_INTERRUPTIO	MINUTE_N 7	Voltage Interruption Minute @ n-7	unsigned short	R		43593
V_INTERRUPTIO	SECOND_N 7	Voltage Interruption Second @ n-7	unsigned short	R		43594
V_INTERRUPTIO	DURATIO	Voltage Interruption Duration [ms] @ n-7	unsigned short	R		43595
V_INTERRUPTIO	QUERY_N 7	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43596
V_INTERRUPTIO	VALUE_N 8	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-8	float	R		43597
V_INTERRUPTIO	YEAR_N 8	Voltage Interruption Year @ n-8	unsigned short	R		43599
V_INTERRUPTIO	MONTH_N 8	Voltage Interruption Month @ n-8	unsigned short	R		43600
V_INTERRUPTIO	DAY_N 8	Voltage Interruption Day @ n-8	unsigned short	R		43601
V_INTERRUPTIO	HO	Voltage Interruption Hour @ n-8	unsigned short	R		43602
V_INTERRUPTIO	MINUTE_N 8	Voltage Interruption Minute @ n-8	unsigned short	R		43603
V_INTERRUPTIO	SECOND_N 8	Voltage Interruption Second @ n-8	unsigned short	R		43604
V_INTERRUPTIO	DURATIO	Voltage Interruption Duration [ms] @ n-8	unsigned short	R		43605
V_INTERRUPTIO	QUERY_N 8	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43606
V_INTERRUPTIO	VALUE_N 9	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") @ n-9	float	R		43607
V_INTERRUPTIO	YEAR_N 9	Voltage Interruption Year @ n-9	unsigned short	R		43609
V_INTERRUPTIO	MONTH_N 9	Voltage Interruption Month @ n-9	unsigned short	R		43610
V_INTERRUPTIO	DAY_N 9	Voltage Interruption Day @ n-9	unsigned short	R		43611
V_INTERRUPTIO	HO	Voltage Interruption Hour @ n-9	unsigned short	R		43612
V_INTERRUPTIO	MINUTE_N 9	Voltage Interruption Minute @ n-9	unsigned short	R		43613
V_INTERRUPTIO	SECOND_N 9	Voltage Interruption Second @ n-9	unsigned short	R		43614
V_INTERRUPTIO	DURATIO	Voltage Interruption Duration [ms] @ n-9	unsigned short	R		43615

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

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V_INTERRUPT_QUERY_N_9	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43616
V_INTERRUPT_VALUE_EEPROM	Voltage Interruption RMS Value (between 10% and 90% "Nominal_Star_Voltage") EEPROM data	float	R		43617
V_INTERRUPT_YEAR_EEPROM	Voltage Interruption Year EEPROM data	unsigned short	R		43619
V_INTERRUPT_MONTH_EEPROM	Voltage Interruption Month EEPROM data	unsigned short	R		43620
V_INTERRUPT_DAY_EEPROM	Voltage Interruption Day EEPROM data	unsigned short	R		43621
V_INTERRUPT_HOUR_EEPROM	Voltage Interruption Hour EEPROM data	unsigned short	R		43622
V_INTERRUPT_MINUTE_EEPROM	Voltage Interruption Minute EEPROM data	unsigned short	R		43623
V_INTERRUPT_SECOND_EEPROM	Voltage Interruption Second EEPROM data	unsigned short	R		43624
V_INTERRUPT_DURATION_EEPROM	Voltage Interruption Duration [ms] EEPROM data	unsigned short	R		43625
V_INTERRUPT_QUERY_EEPROM	Voltage Interruption Type: 0: ND 1: V_L1N 2: V_L2N 3: V_L3N 4: V_L1L2 5: V_L2L3 6: V_L3L1	unsigned short	R		43626
V_L1N_Oscilloscope_0	Star Voltage L1-N Sample #0	float	R		43627
V_L1N_Oscilloscope_1	Star Voltage L1-N Sample #1	float	R		43629
V_L1N_Oscilloscope_2	Star Voltage L1-N Sample #2	float	R		43631
V_L1N_Oscilloscope_3	Star Voltage L1-N Sample #3	float	R		43633
V_L1N_Oscilloscope_4	Star Voltage L1-N Sample #4	float	R		43635
V_L1N_Oscilloscope_5	Star Voltage L1-N Sample #5	float	R		43637
V_L1N_Oscilloscope_6	Star Voltage L1-N Sample #6	float	R		43639
V_L1N_Oscilloscope_7	Star Voltage L1-N Sample #7	float	R		43641
V_L1N_Oscilloscope_8	Star Voltage L1-N Sample #8	float	R		43643
V_L1N_Oscilloscope_9	Star Voltage L1-N Sample #9	float	R		43645
V_L1N_Oscilloscope_10	Star Voltage L1-N Sample #10	float	R		43647
V_L1N_Oscilloscope_11	Star Voltage L1-N Sample #11	float	R		43649
V_L1N_Oscilloscope_12	Star Voltage L1-N Sample #12	float	R		43651
V_L1N_Oscilloscope_13	Star Voltage L1-N Sample #13	float	R		43653
V_L1N_Oscilloscope_14	Star Voltage L1-N Sample #14	float	R		43655
V_L1N_Oscilloscope_15	Star Voltage L1-N Sample #15	float	R		43657
V_L1N_Oscilloscope_16	Star Voltage L1-N Sample #16	float	R		43659
V_L1N_Oscilloscope_17	Star Voltage L1-N Sample #17	float	R		43661
V_L1N_Oscilloscope_18	Star Voltage L1-N Sample #18	float	R		43663
V_L1N_Oscilloscope_19	Star Voltage L1-N Sample #19	float	R		43665
V_L1N_Oscilloscope_20	Star Voltage L1-N Sample #20	float	R		43667
V_L1N_Oscilloscope_21	Star Voltage L1-N Sample #21	float	R		43669
V_L1N_Oscilloscope_22	Star Voltage L1-N Sample #22	float	R		43671
V_L1N_Oscilloscope_23	Star Voltage L1-N Sample #23	float	R		43673
V_L1N_Oscilloscope_24	Star Voltage L1-N Sample #24	float	R		43675
V_L1N_Oscilloscope_25	Star Voltage L1-N Sample #25	float	R		43677
V_L1N_Oscilloscope_26	Star Voltage L1-N Sample #26	float	R		43679
V_L1N_Oscilloscope_27	Star Voltage L1-N Sample #27	float	R		43681
V_L1N_Oscilloscope_28	Star Voltage L1-N Sample #28	float	R		43683
V_L1N_Oscilloscope_29	Star Voltage L1-N Sample #29	float	R		43685
V_L1N_Oscilloscope_30	Star Voltage L1-N Sample #30	float	R		43687
V_L1N_Oscilloscope_31	Star Voltage L1-N Sample #31	float	R		43689
V_L1N_Oscilloscope_32	Star Voltage L1-N Sample #32	float	R		43691
V_L1N_Oscilloscope_33	Star Voltage L1-N Sample #33	float	R		43693
V_L1N_Oscilloscope_34	Star Voltage L1-N Sample #34	float	R		43695
V_L1N_Oscilloscope_35	Star Voltage L1-N Sample #35	float	R		43697
V_L1N_Oscilloscope_36	Star Voltage L1-N Sample #36	float	R		43699
V_L1N_Oscilloscope_37	Star Voltage L1-N Sample #37	float	R		43701
V_L1N_Oscilloscope_38	Star Voltage L1-N Sample #38	float	R		43703
V_L1N_Oscilloscope_39	Star Voltage L1-N Sample #39	float	R		43705
V_L1N_Oscilloscope_40	Star Voltage L1-N Sample #40	float	R		43707
V_L1N_Oscilloscope_41	Star Voltage L1-N Sample #41	float	R		43709
V_L1N_Oscilloscope_42	Star Voltage L1-N Sample #42	float	R		43711
V_L1N_Oscilloscope_43	Star Voltage L1-N Sample #43	float	R		43713
V_L1N_Oscilloscope_44	Star Voltage L1-N Sample #44	float	R		43715
V_L1N_Oscilloscope_45	Star Voltage L1-N Sample #45	float	R		43717
V_L1N_Oscilloscope_46	Star Voltage L1-N Sample #46	float	R		43719
V_L1N_Oscilloscope_47	Star Voltage L1-N Sample #47	float	R		43721
V_L1N_Oscilloscope_48	Star Voltage L1-N Sample #48	float	R		43723
V_L1N_Oscilloscope_49	Star Voltage L1-N Sample #49	float	R		43725
V_L1N_Oscilloscope_50	Star Voltage L1-N Sample #50	float	R		43727
V_L1N_Oscilloscope_51	Star Voltage L1-N Sample #51	float	R		43729
V_L1N_Oscilloscope_52	Star Voltage L1-N Sample #52	float	R		43731
V_L1N_Oscilloscope_53	Star Voltage L1-N Sample #53	float	R		43733
V_L1N_Oscilloscope_54	Star Voltage L1-N Sample #54	float	R		43735
V_L1N_Oscilloscope_55	Star Voltage L1-N Sample #55	float	R		43737
V_L1N_Oscilloscope_56	Star Voltage L1-N Sample #56	float	R		43739
V_L1N_Oscilloscope_57	Star Voltage L1-N Sample #57	float	R		43741
V_L1N_Oscilloscope_58	Star Voltage L1-N Sample #58	float	R		43743
V_L1N_Oscilloscope_59	Star Voltage L1-N Sample #59	float	R		43745
V_L1N_Oscilloscope_60	Star Voltage L1-N Sample #60	float	R		43747

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

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I L1 Oscilloscope 69	Line Current L1 Sample #69	float	R		45301
I L1 Oscilloscope 70	Line Current L1 Sample #70	float	R		45303
I L1 Oscilloscope 71	Line Current L1 Sample #71	float	R		45305
I L1 Oscilloscope 72	Line Current L1 Sample #72	float	R		45307
I L1 Oscilloscope 73	Line Current L1 Sample #73	float	R		45309
I L1 Oscilloscope 74	Line Current L1 Sample #74	float	R		45311
I L1 Oscilloscope 75	Line Current L1 Sample #75	float	R		45313
I L1 Oscilloscope 76	Line Current L1 Sample #76	float	R		45315
I L1 Oscilloscope 77	Line Current L1 Sample #77	float	R		45317
I L1 Oscilloscope 78	Line Current L1 Sample #78	float	R		45319
I L1 Oscilloscope 79	Line Current L1 Sample #79	float	R		45321
I L1 Oscilloscope 80	Line Current L1 Sample #80	float	R		45323
I L1 Oscilloscope 81	Line Current L1 Sample #81	float	R		45325
I L1 Oscilloscope 82	Line Current L1 Sample #82	float	R		45327
I L1 Oscilloscope 83	Line Current L1 Sample #83	float	R		45329
I L1 Oscilloscope 84	Line Current L1 Sample #84	float	R		45331
I L1 Oscilloscope 85	Line Current L1 Sample #85	float	R		45333
I L1 Oscilloscope 86	Line Current L1 Sample #86	float	R		45335
I L1 Oscilloscope 87	Line Current L1 Sample #87	float	R		45337
I L1 Oscilloscope 88	Line Current L1 Sample #88	float	R		45339
I L1 Oscilloscope 89	Line Current L1 Sample #89	float	R		45341
I L1 Oscilloscope 90	Line Current L1 Sample #90	float	R		45343
I L1 Oscilloscope 91	Line Current L1 Sample #91	float	R		45345
I L1 Oscilloscope 92	Line Current L1 Sample #92	float	R		45347
I L1 Oscilloscope 93	Line Current L1 Sample #93	float	R		45349
I L1 Oscilloscope 94	Line Current L1 Sample #94	float	R		45351
I L1 Oscilloscope 95	Line Current L1 Sample #95	float	R		45353
I L1 Oscilloscope 96	Line Current L1 Sample #96	float	R		45355
I L1 Oscilloscope 97	Line Current L1 Sample #97	float	R		45357
I L1 Oscilloscope 98	Line Current L1 Sample #98	float	R		45359
I L1 Oscilloscope 99	Line Current L1 Sample #99	float	R		45361
I L1 Oscilloscope 100	Line Current L1 Sample #100	float	R		45363
I L1 Oscilloscope 101	Line Current L1 Sample #101	float	R		45365
I L1 Oscilloscope 102	Line Current L1 Sample #102	float	R		45367
I L1 Oscilloscope 103	Line Current L1 Sample #103	float	R		45369
I L1 Oscilloscope 104	Line Current L1 Sample #104	float	R		45371
I L1 Oscilloscope 105	Line Current L1 Sample #105	float	R		45373
I L1 Oscilloscope 106	Line Current L1 Sample #106	float	R		45375
I L1 Oscilloscope 107	Line Current L1 Sample #107	float	R		45377
I L1 Oscilloscope 108	Line Current L1 Sample #108	float	R		45379
I L1 Oscilloscope 109	Line Current L1 Sample #109	float	R		45381
I L1 Oscilloscope 110	Line Current L1 Sample #110	float	R		45383
I L1 Oscilloscope 111	Line Current L1 Sample #111	float	R		45385
I L1 Oscilloscope 112	Line Current L1 Sample #112	float	R		45387
I L1 Oscilloscope 113	Line Current L1 Sample #113	float	R		45389
I L1 Oscilloscope 114	Line Current L1 Sample #114	float	R		45391
I L1 Oscilloscope 115	Line Current L1 Sample #115	float	R		45393
I L1 Oscilloscope 116	Line Current L1 Sample #116	float	R		45395
I L1 Oscilloscope 117	Line Current L1 Sample #117	float	R		45397
I L1 Oscilloscope 118	Line Current L1 Sample #118	float	R		45399
I L1 Oscilloscope 119	Line Current L1 Sample #119	float	R		45401
I L1 Oscilloscope 120	Line Current L1 Sample #120	float	R		45403
I L1 Oscilloscope 121	Line Current L1 Sample #121	float	R		45405
I L1 Oscilloscope 122	Line Current L1 Sample #122	float	R		45407
I L1 Oscilloscope 123	Line Current L1 Sample #123	float	R		45409
I L1 Oscilloscope 124	Line Current L1 Sample #124	float	R		45411
I L1 Oscilloscope 125	Line Current L1 Sample #125	float	R		45413
I L1 Oscilloscope 126	Line Current L1 Sample #126	float	R		45415
I L1 Oscilloscope 127	Line Current L1 Sample #127	float	R		45417
I L2 Oscilloscope 0	Line Current L2 Sample #0	float	R		45419
I L2 Oscilloscope 1	Line Current L2 Sample #1	float	R		45421
I L2 Oscilloscope 2	Line Current L2 Sample #2	float	R		45423
I L2 Oscilloscope 3	Line Current L2 Sample #3	float	R		45425
I L2 Oscilloscope 4	Line Current L2 Sample #4	float	R		45427
I L2 Oscilloscope 5	Line Current L2 Sample #5	float	R		45429
I L2 Oscilloscope 6	Line Current L2 Sample #6	float	R		45431
I L2 Oscilloscope 7	Line Current L2 Sample #7	float	R		45433
I L2 Oscilloscope 8	Line Current L2 Sample #8	float	R		45435
I L2 Oscilloscope 9	Line Current L2 Sample #9	float	R		45437
I L2 Oscilloscope 10	Line Current L2 Sample #10	float	R		45439
I L2 Oscilloscope 11	Line Current L2 Sample #11	float	R		45441
I L2 Oscilloscope 12	Line Current L2 Sample #12	float	R		45443
I L2 Oscilloscope 13	Line Current L2 Sample #13	float	R		45445
I L2 Oscilloscope 14	Line Current L2 Sample #14	float	R		45447
I L2 Oscilloscope 15	Line Current L2 Sample #15	float	R		45449
I L2 Oscilloscope 16	Line Current L2 Sample #16	float	R		45451
I L2 Oscilloscope 17	Line Current L2 Sample #17	float	R		45453
I L2 Oscilloscope 18	Line Current L2 Sample #18	float	R		45455
I L2 Oscilloscope 19	Line Current L2 Sample #19	float	R		45457
I L2 Oscilloscope 20	Line Current L2 Sample #20	float	R		45459
I L2 Oscilloscope 21	Line Current L2 Sample #21	float	R		45461
I L2 Oscilloscope 22	Line Current L2 Sample #22	float	R		45463
I L2 Oscilloscope 23	Line Current L2 Sample #23	float	R		45465
I L2 Oscilloscope 24	Line Current L2 Sample #24	float	R		45467
I L2 Oscilloscope 25	Line Current L2 Sample #25	float	R		45469
I L2 Oscilloscope 26	Line Current L2 Sample #26	float	R		45471
I L2 Oscilloscope 27	Line Current L2 Sample #27	float	R		45473
I L2 Oscilloscope 28	Line Current L2 Sample #28	float	R		45475
I L2 Oscilloscope 29	Line Current L2 Sample #29	float	R		45477
I L2 Oscilloscope 30	Line Current L2 Sample #30	float	R		45479
I L2 Oscilloscope 31	Line Current L2 Sample #31	float	R		45481
I L2 Oscilloscope 32	Line Current L2 Sample #32	float	R		45483
I L2 Oscilloscope 33	Line Current L2 Sample #33	float	R		45485
I L2 Oscilloscope 34	Line Current L2 Sample #34	float	R		45487
I L2 Oscilloscope 35	Line Current L2 Sample #35	float	R		45489
I L2 Oscilloscope 36	Line Current L2 Sample #36	float	R		45491
I L2 Oscilloscope 37	Line Current L2 Sample #37	float	R		45493

	All versions
	Only in S1MMmA500VLM and S1MMmA500VHM version
	Only in S1MMmA500VHM version

MODBUS Register S1MMmA500Vxx



I N Oscilloscope_73	Line Current N Sample #73	float	R		46077
I N Oscilloscope_74	Line Current N Sample #74	float	R		46079
I N Oscilloscope_75	Line Current N Sample #75	float	R		46081
I N Oscilloscope_76	Line Current N Sample #76	float	R		46083
I N Oscilloscope_77	Line Current N Sample #77	float	R		46085
I N Oscilloscope_78	Line Current N Sample #78	float	R		46087
I N Oscilloscope_79	Line Current N Sample #79	float	R		46089
I N Oscilloscope_80	Line Current N Sample #80	float	R		46091
I N Oscilloscope_81	Line Current N Sample #81	float	R		46093
I N Oscilloscope_82	Line Current N Sample #82	float	R		46095
I N Oscilloscope_83	Line Current N Sample #83	float	R		46097
I N Oscilloscope_84	Line Current N Sample #84	float	R		46099
I N Oscilloscope_85	Line Current N Sample #85	float	R		46101
I N Oscilloscope_86	Line Current N Sample #86	float	R		46103
I N Oscilloscope_87	Line Current N Sample #87	float	R		46105
I N Oscilloscope_88	Line Current N Sample #88	float	R		46107
I N Oscilloscope_89	Line Current N Sample #89	float	R		46109
I N Oscilloscope_90	Line Current N Sample #90	float	R		46111
I N Oscilloscope_91	Line Current N Sample #91	float	R		46113
I N Oscilloscope_92	Line Current N Sample #92	float	R		46115
I N Oscilloscope_93	Line Current N Sample #93	float	R		46117
I N Oscilloscope_94	Line Current N Sample #94	float	R		46119
I N Oscilloscope_95	Line Current N Sample #95	float	R		46121
I N Oscilloscope_96	Line Current N Sample #96	float	R		46123
I N Oscilloscope_97	Line Current N Sample #97	float	R		46125
I N Oscilloscope_98	Line Current N Sample #98	float	R		46127
I N Oscilloscope_99	Line Current N Sample #99	float	R		46129
I N Oscilloscope_100	Line Current N Sample #100	float	R		46131
I N Oscilloscope_101	Line Current N Sample #101	float	R		46133
I N Oscilloscope_102	Line Current N Sample #102	float	R		46135
I N Oscilloscope_103	Line Current N Sample #103	float	R		46137
I N Oscilloscope_104	Line Current N Sample #104	float	R		46139
I N Oscilloscope_105	Line Current N Sample #105	float	R		46141
I N Oscilloscope_106	Line Current N Sample #106	float	R		46143
I N Oscilloscope_107	Line Current N Sample #107	float	R		46145
I N Oscilloscope_108	Line Current N Sample #108	float	R		46147
I N Oscilloscope_109	Line Current N Sample #109	float	R		46149
I N Oscilloscope_110	Line Current N Sample #110	float	R		46151
I N Oscilloscope_111	Line Current N Sample #111	float	R		46153
I N Oscilloscope_112	Line Current N Sample #112	float	R		46155
I N Oscilloscope_113	Line Current N Sample #113	float	R		46157
I N Oscilloscope_114	Line Current N Sample #114	float	R		46159
I N Oscilloscope_115	Line Current N Sample #115	float	R		46161
I N Oscilloscope_116	Line Current N Sample #116	float	R		46163
I N Oscilloscope_117	Line Current N Sample #117	float	R		46165
I N Oscilloscope_118	Line Current N Sample #118	float	R		46167
I N Oscilloscope_119	Line Current N Sample #119	float	R		46169
I N Oscilloscope_120	Line Current N Sample #120	float	R		46171
I N Oscilloscope_121	Line Current N Sample #121	float	R		46173
I N Oscilloscope_122	Line Current N Sample #122	float	R		46175
I N Oscilloscope_123	Line Current N Sample #123	float	R		46177
I N Oscilloscope_124	Line Current N Sample #124	float	R		46179
I N Oscilloscope_125	Line Current N Sample #125	float	R		46181
I N Oscilloscope_126	Line Current N Sample #126	float	R		46183
I N Oscilloscope_127	Line Current N Sample #127	float	R		46185