

Parameter	Unit	Details	Resolution	Functionality	Data Type	Access	Register (Hex)	Reg (Dec)	Nr of quantities	Size [Byte]	Nr of registers
Active Import Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	5000	20480	1	4	4
Active Export Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	5004	20484	1	4	4
Active Net Energy Total	kWh		0.01	Metering/Energy	Signed	Read	5008	20488	1	4	4
Reactive Import Energy Total	kVarh		0.01	Metering/Energy	Unsigned	Read	500C	20492	1	4	4
Reactive Export Energy Total	kVarh		0.01	Metering/Energy	Unsigned	Read	5010	20496	1	4	4
Reactive Net Energy Total	kVarh		0.01	Metering/Energy	Signed	Read	5014	20500	1	4	4
Reserved							5018	20504	8	1	8
Apparent Energy	kVAh		0.01	Metering/Energy	Unsigned	Read	5020	20512	1	4	4
Equivalent CO2 on Active Imp. Energy Tot.	g/KWh		1	Metering/Energy	Unsigned	Read	5024	20516	1	4	4
Reserved							5028	20520	12	1	12
Equivalent Currency on Active Imp. Energy Tot	Currency/KWh		0.01	Metering/Energy	Unsigned	Read	5034	20532	1	4	4
Reserved							5038	20536	312	1	312
Active Import Energy Total Tariff	kWh	Tariff 1..4	0.01	Metering/Energy	Unsigned	Read	5170	20848	4	4	16
Reserved							5180	20864	4	4	16
Active Export Energy Total Tariff	kWh	Tariff 1..4	0.01	Metering/Energy	Unsigned	Read	5190	20880	4	4	16
Reserved							51A0	20896	16	1	16
Reactive Import Energy Total Tariff	kVarh	Tariff 1..4	0.01	Metering/Energy	Unsigned	Read	51B0	20912	4	4	16
Reserved							51C0	20928	16	1	16
Reactive Export Energy Total Tariff	kVarh	Tariff 1..4	0.01	Metering/Energy	Unsigned	Read	51D0	20944	4	4	16
Reserved							51E0	20960	16	1	16
Apparent Energy Total Tariff	kVAh	Tariff 1..4	0.01	Metering/Energy	Unsigned	Read	51F0	20976	4	4	16
Reserved							5200	20992	608	1	608
Active Import Energy L1	kWh	L1	0.01	Metering/Energy	Unsigned	Read	5460	21600	1	4	4
Active Import Energy L2	kWh	L2	0.01	Metering/Energy	Unsigned	Read	5464	21604	1	4	4
Active Import Energy L3	kWh	L3	0.01	Metering/Energy	Unsigned	Read	5468	21608	1	4	4
Active Export Energy L1	kWh	L1	0.01	Metering/Energy	Unsigned	Read	546C	21612	1	4	4
Active Export Energy L2	kWh	L2	0.01	Metering/Energy	Unsigned	Read	5470	21616	1	4	4
Active Export Energy L3	kWh	L3	0.01	Metering/Energy	Unsigned	Read	5474	21620	1	4	4
Active Net energy L1	kWh	L1	0.01	Metering/Energy	Signed	Read	5478	21624	1	4	4
Active Net energy L2	kWh	L2	0.01	Metering/Energy	Signed	Read	547C	21628	1	4	4
Active Net energy L3	kWh	L3	0.01	Metering/Energy	Signed	Read	5480	21632	1	4	4
Reactive Import Energy L1	kVArh	L1	0.01	Metering/Energy	Unsigned	Read	5484	21636	1	4	4
Reactive Import Energy L2	kVArh	L2	0.01	Metering/Energy	Unsigned	Read	5488	21640	1	4	4
Reactive Import Energy L3	kVArh	L3	0.01	Metering/Energy	Unsigned	Read	548C	21644	1	4	4
Reactive Export Energy L1	kVArh	L1	0.01	Metering/Energy	Unsigned	Read	5490	21648	1	4	4
Reactive Export Energy L2	kVArh	L2	0.01	Metering/Energy	Unsigned	Read	5494	21652	1	4	4
Reactive Export Energy L3	kVArh	L3	0.01	Metering/Energy	Unsigned	Read	5498	21656	1	4	4
Reactive Net energy L1	kVArh	L1	0.01	Metering/Energy	Signed	Read	549C	21660	1	4	4
Reactive Net energy L2	kVArh	L2	0.01	Metering/Energy	Signed	Read	54A0	21664	1	4	4
Reactive Net energy L3	kVArh	L3	0.01	Metering/Energy	Signed	Read	54A4	21668	1	4	4

Reserved							54A8	21672	24	1	24
Apparent Energy L1	kVAh	L1	0.01	Metering/Energy	Unsigned	Read	54C0	21696	1	4	4
Apparent Energy L2	kVAh	L2	0.01	Metering/Energy	Unsigned	Read	54C4	21700	1	4	4
Apparent Energy L3	kVAh	L3	0.01	Metering/Energy	Unsigned	Read	54C8	21704	1	4	4
Reserved							54CC	21708	96	1	96
Partial Active Import Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	552C	21804	1	4	4
Partial Active Export Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	5530	21808	1	4	4
Partial Reactive Import Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	5534	21812	1	4	4
Partial Reactive Export Energy Total	kWh		0.01	Metering/Energy	Unsigned	Read	5538	21816	1	4	4
Reserved							553C	21820	1476	1	1476
Voltage L1-N	V	L1	0.1	Metering/Instant	Unsigned	Read	5B00	23296	1	2	2
Voltage L2-N	V	L2	0.1	Metering/Instant	Unsigned	Read	5B02	23298	1	2	2
Voltage L3-N	V	L3	0.1	Metering/Instant	Unsigned	Read	5B04	23300	1	2	2
Voltage L1-L2	V	L1-L2	0.1	Metering/Instant	Unsigned	Read	5B06	23302	1	2	2
Voltage L2-L3	V	L2-L3	0.1	Metering/Instant	Unsigned	Read	5B08	23304	1	2	2
Voltage L3-L1	V	L3-L1	0.1	Metering/Instant	Unsigned	Read	5B0A	23306	1	2	2
Current L1	A	L1	0.01	Metering/Instant	Unsigned	Read	5B0C	23308	1	2	2
Current L2	A	L2	0.01	Metering/Instant	Unsigned	Read	5B0E	23310	1	2	2
Current L3	A	L3	0.01	Metering/Instant	Unsigned	Read	5B10	23312	1	2	2
Current IN	A	Neutral	0.01	Metering/Instant	Unsigned	Read	5B12	23314	1	2	2
Active Power Total	W	Total	0.01	Metering/Instant	Signed	Read	5B14	23316	1	2	2
Active Power L1	W	L1	0.01	Metering/Instant	Signed	Read	5B16	23318	1	2	2
Active Power L2	W	L2	0.01	Metering/Instant	Signed	Read	5B18	23320	1	2	2
Active Power L3	W	L3	0.01	Metering/Instant	Signed	Read	5B1A	23322	1	2	2
Reactive Power Total	Var	Total	0.01	Metering/Instant	Signed	Read	5B1C	23324	1	2	2
Reactive Power L1	Var	L1	0.01	Metering/Instant	Signed	Read	5B1E	23326	1	2	2
Reactive Power L2	Var	L2	0.01	Metering/Instant	Signed	Read	5B20	23328	1	2	2
Reactive Power L3	Var	L3	0.01	Metering/Instant	Signed	Read	5B22	23330	1	2	2
Apparent Power Total	VA	Total	0.01	Metering/Instant	Unsigned	Read	5B24	23332	1	2	2
Apparent Power L1	VA	L1	0.01	Metering/Instant	Unsigned	Read	5B26	23334	1	2	2
Apparent Power L2	VA	L2	0.01	Metering/Instant	Unsigned	Read	5B28	23336	1	2	2
Apparent Power L3	VA	L3	0.01	Metering/Instant	Unsigned	Read	5B2A	23338	1	2	2
Frequency	Hz		0.01	Metering/Instant	Unsigned	Read	5B2C	23340	1	1	1
Reserved							5B2D	23341	13	1	13
Power Factor Total	No Unit	Total	0.001	Metering/Instant	Signed	Read	5B3A	23354	1	1	1
Power Factor L1	No Unit	L1	0.001	Metering/Instant	Signed	Read	5B3B	23355	1	1	1
Power Factor L2	No Unit	L2	0.001	Metering/Instant	Signed	Read	5B3C	23356	1	1	1
Power Factor L3	No Unit	L3	0.001	Metering/Instant	Signed	Read	5B3D	23357	1	1	1
Quadrant Total	No Unit	Total	0.001	Metering/Instant	Unsigned	Read	5B3E	23358	1	1	1
Quadrant L1	No Unit	L1	0.001	Metering/Instant	Unsigned	Read	5B3F	23359	1	1	1
Quadrant L2	No Unit	L2	0.001	Metering/Instant	Unsigned	Read	5B40	23360	1	1	1
Quadrant L3	No Unit	L3	0.001	Metering/Instant	Unsigned	Read	5B41	23361	1	1	1
Reserved							5B42	23362	6	1	6

Cosine Phi Total	No Unit	Total	0.001	Metering/Instant	Signed	Read	5B48	23368	1	1	1
Cosine Phi L1	No Unit	L1	0.001	Metering/Instant	Signed	Read	5B49	23369	1	1	1
Cosine Phi L2	No Unit	L2	0.001	Metering/Instant	Signed	Read	5B4A	23370	1	1	1
Cosine Phi L3	No Unit	L3	0.001	Metering/Instant	Signed	Read	5B4B	23371	1	1	1
Reserved							5B4C	23372	1972	1	1972
Communication Status Register	No Unit			I/O	Unsigned	Read/Write	6300	25344	1	1	1
Reserved						Read	6301	25345	7	1	7
Digital Input Status	No Unit			I/O	Unsigned	Read	6308	25352	4	1	4
Reserved							630C	25356	12	1	12
Input Counter	No Unit			I/O	Unsigned	Read	6318	25368	1	4	4
Reserved							631C	25372	484	1	484
Errors Logs: Get Next	No Unit			Notifications	Unsigned	Write	6500	25856	1	1	1
Errors Logs: Entry Number	No Unit			Notifications	Unsigned	Read/Write	6501	25857	1	1	1
Reserved							6502	25858	5	1	5
Errors Logs: Direction	No Unit			Notifications	Unsigned	Read/Write	6507	25863	1	1	1
Reserved							6508	25864	8	1	8
Error Logs: Data Block	No Unit			Notifications	Unsigned	Read	6510	25872	1	105	105
Reserved							6579	25977	55	1	55
Alarms Logs: Get Next	No Unit			Notifications	Unsigned	Write	65B0	26032	1	1	1
Alarms Logs: Entry Number	No Unit			Notifications	Unsigned	Read/Write	65B1	26033	1	1	1
Reserved							65B2	26034	5	1	5
Alarms Logs: Direction	No Unit			Notifications	Unsigned	Read/Write	65B7	26039	1	1	1
Reserved							65B8	26040	8	1	8
Alarms Logs: Data Block	No Unit			Notifications	Unsigned	Read/Write	65C0	26048	1	105	105
Reserved							6629	26153	55	1	55
Audit Logs: Get Next	No Unit			Notifications	Unsigned	Write	6660	26208	1	1	1
Audit Logs: Entry Number	No Unit			Notifications	Unsigned	Read/write	6661	26209	1	1	1
Reserved							6662	26210	5	1	5
Audit Logs: Direction	No Unit			Notifications	Unsigned	Read/write	6667	26215	1	1	1
Reserved							6668	26216	8	1	8
Audit Logs: Data Block	No Unit			Notifications	Unsigned	Read	6670	26224	68	1	68
Reserved							66B4	26292	92	1	92
Warnings Logs: Get Next	No Unit			Notifications	Unsigned	Read	6710	26384	1	1	1
Warnings Logs: Entry Number	No Unit			Notifications	Unsigned	Read/Write	6711	26385	1	1	1
Reserved							6712	26386	5	1	5
Warnings Logs: Direction	No Unit			Notifications	Unsigned	Read/Write	6717	26391	1	1	1
Reserved							6718	26392	8	1	8
Warnings Logs: Data Block	No Unit			Notifications	Unsigned	Read	6720	26400	1	105	105
Reserved							6789	26505	8567	1	8567
Serial Number	No Unit			Device Info	Unsigned	Read	8900	35072	2	1	2
Reserved							8902	35074	6	1	6
Firmware Version	No Unit			Device Info	ASCII string	Read	8908	35080	1	8	8
Reserved							8910	35088	1	1	1

Slave ID	No Unit			Device Info	Unsigned	Read	8911	35089	1	1	1
Reserved							8912	35090	7	1	7
Product type tag name				Device Info	ASCII string	Read/Write	8919	35097	7	1	7
Reserved							8920	35104	64	1	64
Type Designator	No Unit			Device Info	ASCII string	Read	8960	35168	6	1	6
Product Name	No Unit			Device Info	ASCII string	Read	8966	35174	15	1	15
Reserved							8975	35189	6	1	6
MID Certification	No Unit			Device Info	Unsigned	Read	897B	35195	2	1	2
Reserved							897D	35197	138	1	138
Current Active Tariff	No Unit			Tariff	Unsigned	Read/Write	8A07	35335	1	1	1
Reserved							8A08	35336	508	1	508
Current Transformer Ratio Numerator	No Unit			Installation	Unsigned	Read/Write	8C04	35844	2	1	2
Voltage Transformer Ratio Numerator	No Unit			Installation	Unsigned	Read/Write	8C06	35846	1	2	2
Current Transformer Ratio Denominator	No Unit			Installation	Unsigned	Read/Write	8C08	35848	1	2	2
Voltage Transformer Ratio Denominator	No Unit			Installation	Unsigned	Read/Write	8C0A	35850	1	2	2
Function I/O Port 1	No Unit			I/O	Unsigned	Read	8C0C	35852	1	1	1
Function I/O Port 2	No Unit			I/O	Unsigned	Read	8C0D	35853	1	1	1
Reserved							8C0E	35854	2	1	2
Pulse Output configuration Enable	No Unit			I/O	Unsigned	Read/Write	8C10	35856	1	1	1
Pulse Output Configuration Block	No Unit			I/O	Unsigned	Read/Write	8C11	35857	1	5	5
Set Pulse Input At Port	No Unit			I/O	Unsigned	Read/Write	8C16	35862	1	1	1
Set Output Always ON	No Unit			I/O	Unsigned	Read/Write	8C17	35863	1	1	1
Set Output Always OFF	No Unit			I/O	Unsigned	Read/Write	8C18	35864	1	1	1
Set Output Via Communication	No Unit			I/O	Unsigned	Read/Write	8C19	35865	1	1	1
Reserved							8C1A	35866	1	1	70
Alarm Instance / Set Alarm To Output	No Unit			Alarm	Unsigned	Read/Write	8C60	35936	1	1	1
Alarm Measurement Parameter	No Unit			Alarm	Unsigned	Read/Write	8C61	35937	1	1	1
Alarm Threshold	No Unit			Alarm	Unsigned	Read/Write	8C62	35938	1	4	4
Alarm Hysteresis	No Unit			Alarm	Unsigned	Read/Write	8C66	35942	1	1	1
Alarm Delay	No Unit			Alarm	Unsigned	Read/Write	8C67	35943	1	2	2
Alarm Type	No Unit			Alarm	Unsigned	Read/Write	8C69	35945	1	1	1
Alarm Action	No Unit			Alarm	Unsigned	Read/Write	8C6A	35946	1	2	2
Reserved							8C6C	35948	36	1	36
Tariff Source	No Unit			Tariff	Unsigned	Read/Write	8C90	35984	1	1	1
Input Configuration	No Unit			Tariff	Unsigned	Read/Write	8C91	35985	1	2	2
Reserved							8C93	35987	77	1	77
CO2 Conversion Factor	No Unit		0.001	Configuration	Unsigned	Read/Write	8CE0	36064	1	2	2
Currency Conversion Factor	No Unit		0.001	Configuration	Unsigned	Read/Write	8CE2	36066	1	2	2
Led Source	No Unit			Configuration	Unsigned	Read/Write	8CE4	36068	1	1	1
Wiring Setting	No Unit			Installation	Unsigned	Read/Write	8CE5	36069	1	1	1
Reserved							8CE6	36070	549	1	549
Reset Input Counter	No Unit			Metering/Energy	Unsigned	Write	8FOB	36619	1	1	1
Reserved							8FOC	36620	15	1	15

Reset resettable active energy import	No Unit			Metering/Energy	Unsigned	Write	8F1B	36635	1	1	1
Reset resettable active energy export	No Unit			Metering/Energy	Unsigned	Write	8F1C	36636	1	1	1
Reset resettable reactive energy import	No Unit			Metering/Energy	Unsigned	Write	8F1D	36637	1	1	1
Reset resettable reactive energy export	No Unit			Metering/Energy	Unsigned	Write	8F1E	36638	1	1	1
Reserved							8F1F	36639	18	1	18
Reset system logs (Errors Logs)	No Unit			Device Info	Unsigned	Write	8F31	36657	1	1	1
Reset event logs (Warnings Logs)	No Unit			Device Info	Unsigned	Write	8F32	36658	1	1	1
Reset Net Quality logs (Alarms Logs)	No Unit			Device Info	Unsigned	Write	8F33	36659	1	1	1
Reserved							8F34	36660	35	1	35
Reset Logs	No Unit			Device Info	Unsigned	Write	8F57	36695	1	1	1
Reserved							8F58	36696	2	1	2