

Register Table							
ADDRESS (DEC)	ADDRESS (HEX)	Parameter	Data Type	Feature	Multiplier	Unit	Explanation
4000	FA0	Current Transformer Ratio	Unsigned 16-bit	Read	Data * 1	-	1-999
4001	FA1	Voltage Transformer Ratio	Unsigned 16-bit	Read	Data * 1	-	1 - 2000
4002	FA2	L1 Voltage	Unsigned 16-bit	Read	Data * Data * 0,1 * VTR	V	0,0 .. Vmax
4003	FA3	L2 Voltage	Unsigned 16-bit	Read	Data * Data * 0,1 * VTR	V	0,0 .. Vmax
4004	FA4	L3 Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4005	FA5	L1 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4006	FA6	L2 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4007	FA7	L3 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4008	FA8	L1 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4009	FA9	L2 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4010	FAA	L3 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4011	FAB	L1 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4012	FAC	L2 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4013	FAD	L3 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4014	FAE	L12 Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4015	FAF	L23 Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4016	FB0	L31 Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4017	FB1	L12 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4018	FB2	L23 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4019	FB3	L31 Average Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4020	FB4	L12 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4021	FB5	L23 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4022	FB6	L31 Minimum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4023	FB7	L12 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4024	FB8	L23 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4025	FB9	L31 Maximum Voltage	Unsigned 16-bit	Read	Data * 0,1 * VTR	V	0,0 .. Vmax
4026	FBA	L1 Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. Imax
4027	FBB	L2 Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. Imax
4028	FBC	L3 Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. Imax
4029	FBD	L1 Average Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. Imax

4030	FBE	L2 Average Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4031	FBF	L3 Average Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4032	FC0	L1 Minimum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4033	FC1	L2 Minimum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4034	FC2	L3 Minimum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4035	FC3	L1 Maximum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4036	FC4	L2 Maximum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4037	FC5	L3 Maximum Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4038	FC6	L1 Demand Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4039	FC7	L2 Demand Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4040	FC8	L3 Demand Current	Unsigned 16-bit	Read	Data * 0,01 * CTR	A	0,00 .. I _{max}
4041	FC9	Reserved					
4042	FCA	L1 Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4043	FCB	L1 Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4044	FCC	L3 Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4045	FCD	L1 Average Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4046	FCE	L2 Average Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4047	FCF	L3 Average Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4048	FD0	Reserved					
4049	FD1	Reserved					
4050	FD2	Reserved					
4051	FD3	L1 Maximum Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4052	FD4	L2 Maximum Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4053	FD5	L3 Maximum Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4054	FD6	L1 Demand Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4055	FD7	L2 Demand Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4056	FD8	L3 Demand Active Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	W	0 .. P _{max}
4057	FD9	Reserved					
4058	FDA	Reserved					
4059	FDB	Reserved					
4060	FDC	Reserved					
4061	FDD	Reserved					

4062	FDE	Reserved					
4063	FDF	Reserved					
4064	FE0	Reserved					
4065	FE1	Reserved					
4066	FE2	Reserved					
4067	FE3	Reserved					
4068	FE4	Reserved					
4069	FE5	Reserved					
4070	FE6	Reserved					
4071	FE7	Reserved					
4072	FE8	L1 Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4073	FE9	L2 Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4074	FEA	L3 Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4075	FEB	L1 Average Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4076	FEC	L2 Average Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4077	FED	L3 Average Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4078	FEE	Reserved					
4079	FEF	Reserved					
4080	FF0	Reserved					
4081	FF1	L1 Maximum Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4082	FF2	L2 Maximum Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4083	FF3	L3 Maximum Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4084	FF4	L1 Demand Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4085	FF5	L2 Demand Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4086	FF6	L3 Demand Apparent Power	Unsigned 16-bit	Read	Data * 1 * CTR * VTR	VA	0 .. Smax
4087	FF7	Reserved					
4088	FF8	Reserved					
4089	FF9	Reserved					
4090	FFA	Reserved					
4091	FFB	Reserved					
4092	FFC	Reserved					
4093	FFD	Reserved					

4094	FFE	Reserved					
4095	FFF	Reserved					
4096	1000	Reserved					
4097	1001	Reserved					
4098	1002	Reserved					
4099	1003	Reserved					
4100	1004	Reserved					
4101	1005	Reserved					
4102	1006	Reserved					
4103	1007	Reserved					
4104	1008	Reserved					
4105	1009	L1 Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4106	100A	L2 Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4107	100B	L3 Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4108	100C	L1 Average Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4109	100D	L2 Average Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4110	100E	L3 Average Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4111	100F	L1 Minimum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4112	1010	L2 Minimum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4113	1011	L3 Minimum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4114	1012	L1 Maximum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4115	1013	L2 Maximum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4116	1014	L3 Maximum Frequency	Unsigned 16-bit	Read	Data * 0,1	Hz	45,00 .. 65,00
4117	1015	L1 Active Import Energy H	Float 32-bit	Read	Data * 1	Wattth	0 .. Max
4118	1016	L1 Active Import Energy L					
4119	1017	L2 Active Import Energy H	Float 32-bit	Read	Data * 1	Wattth	0 .. Max
4120	1018	L2 Active Import Energy L					
4121	1019	L3 Active Import Energy H	Float 32-bit	Read	Data * 1	Wattth	0 .. Max
4122	101A	L3 Active Import Energy L					
4123	101B	Reserved					
4124	101C	Reserved					
4125	101D	Reserved					

4126	101E	Reserved					
4127	101F	Reserved					
4128	1020	Reserved					
4129	1021	Reserved					
4130	1022	Reserved					
4131	1023	Reserved					
4132	1024	Reserved					
4133	1025	Reserved					
4134	1026	Reserved					
4135	1027	Reserved					
4136	1028	Reserved					
4137	1029	Reserved					
4138	102A	Reserved					
4139	102B	Reserved					
4140	102C	Reserved					
4141	102D	Reserved					
4142	102E	Reserved					
4143	102F	Reserved					
3000	BB8	Reserved					
3001	BB9	Reserved					
3002	BBA	Reserved					
3003	BBB	Reserved					
3004	BBC	Reserved					
3005	BBD	Reserved					
3006	BBE	Reserved					
3007	BBF	Reserved					
3008	BC0	Reserved					
3009	BC1	Reserved					
3010	BC2	Reserved					
3011	BC3	Reserved					
3012	BC4	Reserved					
3013	BC5	Reserved					

3014	BC6	Reserved					
3015	BC7	Voltage Transformer Ratio	Unsigned 16-bit	R/W	Data * 1	-	1 - 999
3016	BC8	Reserved					
3017	BC9	Reserved					
3018	BCA	Reserved					
3019	BCB	Reserved					
3020	BCC	Reserved					
3021	BCD	Reserved					
3022	BCE	Reserved					
3023	BCF	Reserved					
3024	BD0	Reserved					
3025	BD1	Reserved					
3026	BD2	Reserved					
3027	BD3	Reserved					
3028	BD4	Reserved					
3029	BD5	Reserved					
3030	BD6	Reserved					
3031	BD7	Reserved					
3032	BD8	Reserved					
3033	BD9	Reserved					
3034	BDA	Reserved					
3035	BDB	Reserved					
3036	BDC	Reserved					
3037	BDD	Reserved					
3038	BDE	Reserved					
3039	BDF	Reserved					
3040	BE0	Current Transformer Ratio	Unsigned 16-bit	R/W	Data * 1	-	36526
3041	BE1	Reserved					
3042	BE2	Reserved					
3043	BE3	Reserved					
3044	BE4	Reserved					
3045	BE5	Reserved					

3046	BE6	Reserved					
3047	BE7	Reserved					
3048	BE8	Reserved					
3049	BE9	Reserved					
3050	BEA	Reserved					
3051	BEB	Reserved					
3052	BEC	Reserved					
3053	BED	Reserved					
3054	BEE	Reserved					
3055	BEF	Reserved					
3056	BF0	Reserved					
3057	BF1	Reserved					
3058	BF2	Reserved					
3059	BF3	Reserved					
3060	BF4	Reserved					
3061	BF5	Reserved					
3062	BF6	Reserved					
3063	BF7	Reserved					
3064	BF8	Reserved					
3065	BF9	Reserved					
3066	BFA	Reserved					
3067	BFB	Reserved					
3068	BFC	Reserved					
3069	BFD	Reserved					
3070	BFE	Reserved					
3071	BFF	Reserved					
3072	C00	Reserved					
3073	C01	Reserved					
3074	C02	Reserved					
3075	C03	Reserved					
3076	C04	Reserved					
3077	C05	Reserved					

3078	C06	Reserved					
3079	C07	Reserved					
3080	C08	Reserved					
3081	C09	Reserved					
3082	C0A	Reserved					
3083	C0B	Reserved					
3084	C0C	Reserved					
3085	C0D	Modbus ID	Unsigned 16-bit	R/W	Data * 1	-	0-247
3086	C0E	Modbus Baudrate	Unsigned 16-bit	R/W	Data * 1	-	0-7
3087	C0F	Reserved					
3088	C10	Reserved					
3089	C11	Reserved					
3090	C12	Reserved					
3091	C13	Password En/Dis	Unsigned 16-bit	R/W	Data * 1	-	0-1
3092	C14	Reserved					
3093	C15	Demand Time Set	Unsigned 16-bit	R/W	Data * 1	Min.	0-120
3094	C16	Delete Demand	Unsigned 16-bit	W	Data * 1	-	0-1
3095	C17	Transformer Turn Number	Unsigned 16-bit	R/W	Data * 1	-	1-20
3096	C18	Version Number	Unsigned 16-bit	Read	Data * 0.01	-	-
3097	C19	Delete Energy	Unsigned 16-bit	Read	Data * 1	-	0-1
3098	C1A	Reserved					
3099	C1B	Reserved					
3100	C1C	Reserved					
3101	C1D	Reserved					
3102	C1E	Reserved					
3103	C1F	Reserved					
3104	C20	Reserved					
3105	C21	Reserved					
3106	C22	Reserved					
3107	C23	Reserved					
3108	C24	Reserved					
3109	C25	Reserved					

3110	C26	Reserved					
3111	C27	Reserved					
3112	C28	Reserved					
3113	C29	Reserved					
3114	C2A	Reserved					
3115	C2B	Reserved					
3116	C2C	Reserved					
3117	C2D	Reserved					
3118	C2E	Reserved					
3119	C2F	Reserved					
3120	C30	Reserved					
3121	C31	Reserved					
3122	C32	Reserved					
3123	C33	Reserved					
3124	C34	Reserved					
3125	C35	Reserved					
3126	C36	Reserved					
3127	C37	Reserved					
3128	C38	Reserved					
3129	C39	Reserved					
3130	C3A	Reserved					
3131	C3B	Reserved					
3132	C3C	Reserved					
3133	C3D	Reserved					
3134	C3E	Reserved					
3135	C3F	Reserved					
3136	C40	Reserved					
3137	C41	Reserved					
3138	C42	Reserved					
3139	C43	Reserved					
3140	C44	Reserved					
3141	C45	Reserved					

3142	C46	Reserved					
3143	C47	Reserved					
3144	C48	Reserved					
3145	C49	Reserved					
3146	C4A	Reserved					
3147	C4B	Reserved					