

APPENDIX B—REGISTER LIST

REGISTER LIST

Table B- 1: Register Listing—Setup and Status

Setup & Status									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1204	Usage Hours	2	Float	RO	Y	-	Hours	≥ 0.0	This combination timer counts the total time for which the absolute current on at least one phase is $> 0.1\text{Amp}$.
1206	Usage Minutes	2	Float	RO	Y	-	Minutes	0.0-59.0	This combination timer counts the total time for which the absolute current on at least one phase is $> 0.1\text{Amp}$.
4105	Scale Factor I (current)	1	Integer	RO	N	-	-	-	Power of 10
4106	Scale Factor V (voltage)	1	Integer	RO	N	-	-	-	Power of 10
4107	Scale Factor W (power)	1	Integer	RO	N	-	-	-	Power of 10
4108	Scale Factor E (energy)	1	Integer	RO	N	-	-	-	Power of 10
4110	Usage Hours	1	Integer	RO	Y	-	Hours	0-32767	
4111	Usage Minutes	1	Integer	RO	Y	-	Minutes	0-59	
4112	Error Bitmap	1	Integer	RO	N	-	-	-	Wrench Icon Control bit0: VA Saturation bit1: VB Saturation bit2: VC Saturation bit3: IA Saturation bit4: IB Saturation bit5: IC Saturation bit6: Freq Invalid bit7-bit15: Reserved
4117	Thermal Demand Interval	1	Integer	R/W	Y	-	Minutes	1-60	Current Demand Only
4118	Power Block Demand Interval	1	Integer	R/W	Y	-	Minutes	1-60	Duration in minutes
4119	Power Block Demand Number of Sub-Intervals	1	Integer	R/W	Y	-	Seconds	1-60	0: Sliding Block Calculation If Reg[4118] ≤ 15 Minutes the Sub-interval is 15 Seconds if Reg[4118] > 15 Minutes the Sub-interval is 60 Seconds 1: Fixed Block else: Rolling Block
4120	CT Ratio - Primary	1	Integer	R/W	Y	-	-	1-32767	
4121	CT Ratio - Secondary	1	Integer	R/W	Y	-	-	1 or 5	
4122	PT Ratio - Primary	1	Integer	R/W	Y	-	-	1-32767	
4123	PT Ratio - Scale (0 = No PT)	1	Integer	R/W	Y	-	-	0, 1, 10, 100	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B– 1: Register Listing—Setup and Status *(continued)*

Setup & Status									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
4124	PT Ratio - Secondary	1	Integer	R/W	Y	-	-	100, 110, 115, 120	
4125	Service Frequency	1	Integer	R/W	Y	-	Hz	50 or 60	
4126	Reset Commands	1	Integer	R/W	N	-	-	N/A	Always return a 0. A list of commands is shown in Table B– 5.
4127	System Type	1	Integer	R/W	Y	-	-	10,11,12,30,31, 32,40,42,44	
4128	Display Mode	1	Integer	R/W	Y	-	-	0,1	0 = IEC Units 1 = IEEE Units
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

The PM710 includes registers in two different formats: integer and floating point. For example, Real Power A is included in Register 1066 and 1067 (floating point) and register 4036 (integer).

Table B– 2: Register Listing—Metered Data

Metered Data									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1000	Real Energy, Total	2	Float	RO	Y	-	kWh	-	Absolute
1002	Apparent Energy, Total	2	Float	RO	Y	-	kVAh	-	
1004	Reactive Energy, Total	2	Float	RO	Y	-	kVARh	-	Absolute
1006	Real Power, Total	2	Float	RO	N	-	kW	-	Absolute
1008	Apparent Power, Total	2	Float	RO	N	-	kVA	-	
1010	Reactive Power, Total	2	Float	RO	N	-	kVAR	-	Absolute
1012	Power Factor, Total	2	Float	RO	N	-	-	0.0 - 1.0	Absolute
1014	Voltage, L-L, 3P Average	2	Float	RO	N	-	Volt	-	
1016	Voltage, L-N, 3P Average	2	Float	RO	N	-	Volt	-	
1018	Current, 3P Average	2	Float	RO	N	-	Amp	-	
1020	Frequency	2	Float	RO	N	-	Hz	45.0 - 65.0	
1034	Current, A	2	Float	RO	N	-	Amp	-	
1036	Current, B	2	Float	RO	N	-	Amp	-	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B– 2: Register Listing—Metered Data (continued)

Metered Data									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1038	Current, C	2	Float	RO	N	-	Amp	-	
1040	Current, N	2	Float	RO	N	-	Amp	-	
1054	Voltage, A-B	2	Float	RO	N	-	Volt	-	
1056	Voltage, B-C	2	Float	RO	N	-	Volt	-	
1058	Voltage, C-A	2	Float	RO	N	-	Volt	-	
1060	Voltage, A-N	2	Float	RO	N	-	Volt	-	
1062	Voltage, B-N	2	Float	RO	N	-	Volt	-	
1064	Voltage, C-N	2	Float	RO	N	-	Volt	-	
1066	Real Power, A	2	Float	RO	N	-	kW	-	Absolute
1068	Real Power, B	2	Float	RO	N	-	kW	-	Absolute
1070	Real Power, C	2	Float	RO	N	-	kW	-	Absolute
1072	Apparent Power, A	2	Float	RO	N	-	kVA	-	
1074	Apparent Power, B	2	Float	RO	N	-	kVA	-	
1076	Apparent Power, C	2	Float	RO	N	-	kVA	-	
1078	Reactive Power, A	2	Float	RO	N	-	kVAR	-	Absolute
1080	Reactive Power, B	2	Float	RO	N	-	kVAR	-	Absolute
1082	Reactive Power, C	2	Float	RO	N	-	kVAR	-	Absolute
1084	Current, A, THD	2	Float	RO	N	-	%	0.0-1000.0	
1086	Current, B, THD	2	Float	RO	N	-	%	0.0-1000.0	
1088	Current, C, THD	2	Float	RO	N	-	%	0.0-1000.0	
1092	Voltage, A-N, THD	2	Float	RO	N	-	%	0.0-1000.0	
1094	Voltage, B-N, THD	2	Float	RO	N	-	%	0.0-1000.0	
1096	Voltage, C-N, THD	2	Float	RO	N	-	%	0.0-1000.0	
1098	Voltage, A-B, THD	2	Float	RO	N	-	%	0.0-1000.0	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B– 2: Register Listing—Metered Data (continued)

Metered Data									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1100	Voltage, B-C, THD	2	Float	RO	N	-	%	0.0-1000.0	
1102	Voltage, C-A, THD	2	Float	RO	N	-	%	0.0-1000.0	
4000	Real Energy, Total	2	Long	RO	Y	E	kWh/Scale	0-0xFFFFFFFF	Absolute
4002	Apparent Energy, Total	2	Long	RO	Y	E	kVAh/Scale	0-0xFFFFFFFF	
4004	Reactive Energy, Total	2	Long	RO	Y	E	kVARh/Scale	0-0xFFFFFFFF	Absolute
4006	Real Power, Total	1	Integer	RO	N	W	kW/Scale	0-32767	Absolute
4007	Apparent Power, Total	1	Integer	RO	N	W	kVA/Scale	0-32767	
4008	Reactive Power, Total	1	Integer	RO	N	W	kVAR/Scale	0-32767	Absolute
4009	Power Factor, Total	1	Integer	RO	N	0.0001	-	0-1	Absolute
4010	Voltage, L-L, 3P Average	1	Integer	RO	N	V	Volt/Scale	0-32767	
4011	Voltage, L-N, 3P Average	1	Integer	RO	N	V	Volt/Scale	0-32767	
4012	Current, 3P Average	1	Integer	RO	N	I	Amp/Scale	0-32767	
4013	Frequency	1	Integer	RO	N	0.01	Hz	4500-6500	
4020	Current, A	1	Integer	RO	N	I	Amp/Scale	0-32767	
4021	Current, B	1	Integer	RO	N	I	Amp/Scale	0-32767	
4022	Current, C	1	Integer	RO	N	I	Amp/Scale	0-32767	
4023	Current, N	1	Integer	RO	N	I	Amp/Scale	0-32767	
4030	Voltage, A-B	1	Integer	RO	N	V	Volt/Scale	0-32767	
4031	Voltage, B-C	1	Integer	RO	N	V	Volt/Scale	0-32767	
4032	Voltage, C-A	1	Integer	RO	N	V	Volt/Scale	0-32767	
4033	Voltage, A-N	1	Integer	RO	N	V	Volt/Scale	0-32767	
4034	Voltage, B-N	1	Integer	RO	N	V	Volt/Scale	0-32767	
4035	Voltage, C-N	1	Integer	RO	N	V	Volt/Scale	0-32767	
4036	Real Power, A	1	Integer	RO	N	W	kW/Scale	0-32767	Absolute
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B– 2: Register Listing—Metered Data (continued)

Metered Data									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
4037	Real Power, B	1	Integer	RO	N	W	kW/Scale	0-32767	Absolute
4038	Real Power, C	1	Integer	RO	N	W	kW/Scale	0-32767	Absolute
4039	Apparent Power, A	1	Integer	RO	N	W	kVA/Scale	0-32767	
4040	Apparent Power, B	1	Integer	RO	N	W	kVA/Scale	0-32767	
4041	Apparent Power, C	1	Integer	RO	N	W	kVA/Scale	0-32767	
4042	Reactive Power, A	1	Integer	RO	N	W	kVAR/Scale	0-32767	Absolute
4043	Reactive Power, B	1	Integer	RO	N	W	kVAR/Scale	0-32767	Absolute
4044	Reactive Power, C	1	Integer	RO	N	W	kVAR/Scale	0-32767	Absolute
4045	Current, A, THD	1	Integer	RO	N	0.1	%	0-10000	
4046	Current, B, THD	1	Integer	RO	N	0.1	%	0-10000	
4047	Current, C, THD	1	Integer	RO	N	0.1	%	0-10000	
4049	Voltage, A-N, THD	1	Integer	RO	N	0.1	%	0-10000	
4050	Voltage, B-N, THD	1	Integer	RO	N	0.1	%	0-10000	
4051	Voltage, C-N, THD	1	Integer	RO	N	0.1	%	0-10000	
4052	Voltage, A-B, THD	1	Integer	RO	N	0.1	%	0-10000	
4053	Voltage, B-C, THD	1	Integer	RO	N	0.1	%	0-10000	
4054	Voltage, C-A, THD	1	Integer	RO	N	0.1	%	0-10000	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 3: Register Listing—Demand Values

Demand Values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1022	Real Power, Total Demand Present	2	Float	RO	N	-	kW	-	Absolute
1024	Apparent Power, Total Demand Present	2	Float	RO	N	-	kVA	-	
1026	Reactive Power, Total Demand Present	2	Float	RO	N	-	kVAR	-	Absolute
1028	Real Power, Total Demand Peak	2	Float	RO	Y	-	kW	-	Absolute
1030	Apparent Power, Total Demand Peak	2	Float	RO	Y	-	kVA	-	
1032	Reactive Power, Total Demand Peak	2	Float	RO	Y	-	kVAR	-	Absolute
1042	Current, A, Demand Present	2	Float	RO	N	-	Amp	-	
1044	Current, B, Demand Present	2	Float	RO	N	-	Amp	-	
1046	Current, C, Demand Present	2	Float	RO	N	-	Amp	-	
1048	Current, A, Demand Peak	2	Float	RO	Y	-	Amp	-	
1050	Current, B, Demand Peak	2	Float	RO	Y	-	Amp	-	
1052	Current, C, Demand Peak	2	Float	RO	Y	-	Amp	-	
4014	Real Power, Total Demand Present	1	Integer	RO	N	W	kW/Scale	0-32767	Absolute
4015	Apparent Power, Total Demand Present	1	Integer	RO	N	W	kVA/Scale	0-32767	
4016	Reactive Power, Total Demand Present	1	Integer	RO	N	W	kVAR/Scale	0-32767	Absolute
4017	Real Power, Total Demand Peak	1	Integer	RO	Y	W	kW/Scale	0-32767	Absolute
4018	Apparent Power, Total Demand Peak	1	Integer	RO	Y	W	kVA/Scale	0-32767	
4019	Reactive Power, Total Demand Peak	1	Integer	RO	Y	W	kVAR/Scale	0-32767	Absolute
4024	Current, A, Demand Present	1	Integer	RO	N	I	Amp/Scale	0-32767	
4025	Current, B, Demand Present	1	Integer	RO	N	I	Amp/Scale	0-32767	
4026	Current, C, Demand Present	1	Integer	RO	N	I	Amp/Scale	0-32767	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 3: Register Listing—Demand Values (*continued*)

Demand Values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
4027	Current, A, Demand Peak	1	Integer	RO	Y	I	Amp/Scale	0-32767	
4028	Current, B, Demand Peak	1	Integer	RO	Y	I	Amp/Scale	0-32767	
4029	Current, C, Demand Peak	1	Integer	RO	Y	I	Amp/Scale	0-32767	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 4: Register Listing—Min Max Values

Min Max values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1104	Real Power, Total Minimum	2	Float	RO	Y	-	kW	-	Absolute
1106	Apparent Power, Total Minimum	2	Float	RO	Y	-	kVA	-	
1108	Reactive Power, Total Minimum	2	Float	RO	Y	-	kVAR	-	Absolute
1110	Power Factor, Total Minimum	2	Float	RO	Y	-	-	0.0-1.0	Absolute
1112	Frequency Minimum	2	Float	RO	Y	-	Hz	45.0-65.0	
1114	Current, A, Minimum	2	Float	RO	Y	-	Amp	-	
1116	Current, B, Minimum	2	Float	RO	Y	-	Amp	-	
1118	Current, C, Minimum	2	Float	RO	Y	-	Amp	-	
1122	Voltage, A-N, Minimum	2	Float	RO	Y	-	Volt	-	
1124	Voltage, B-N, Minimum	2	Float	RO	Y	-	Volt	-	
1126	Voltage, C-N, Minimum	2	Float	RO	Y	-	Volt	-	
1128	Voltage, A-B, Minimum	2	Float	RO	Y	-	Volt	-	
1130	Voltage, B-C, Minimum	2	Float	RO	Y	-	Volt	-	
1132	Voltage, C-A, Minimum	2	Float	RO	Y	-	Volt	-	
1134	Current, A, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1136	Current, B, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1138	Current, C, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 4: Register Listing—Min Max Values (continued)

Min Max values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1142	Voltage, A-N, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1144	Voltage, B-N, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1146	Voltage, C-N, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1148	Voltage, A-B, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1150	Voltage, B-C, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1152	Voltage, C-A, THD Minimum	2	Float	RO	Y	-	%	0.0-1000.0	
1154	Real Power, Total Maximum	2	Float	RO	Y	-	kW	-	Absolute
1156	Apparent Power, Total Maximum	2	Float	RO	Y	-	kVA	-	
1158	Reactive Power, Total Maximum	2	Float	RO	Y	-	kVAR	-	Absolute
1160	Power Factor, Total Maximum	2	Float	RO	Y	-	-	0.0-1.0	Absolute
1162	Frequency Maximum	2	Float	RO	Y	-	Hz	45.0-65.0	
1164	Current, A, Maximum	2	Float	RO	Y	-	Amp	-	
1166	Current, B, Maximum	2	Float	RO	Y	-	Amp	-	
1168	Current, C, Maximum	2	Float	RO	Y	-	Amp	-	
1172	Voltage, A-N, Maximum	2	Float	RO	Y	-	Volt	-	
1174	Voltage, B-N, Maximum	2	Float	RO	Y	-	Volt	-	
1176	Voltage, C-N, Maximum	2	Float	RO	Y	-	Volt	-	
1178	Voltage, A-B, Maximum	2	Float	RO	Y	-	Volt	-	
1180	Voltage, B-C, Maximum	2	Float	RO	Y	-	Volt	-	
1182	Voltage, C-A, Maximum	2	Float	RO	Y	-	Volt	-	
1184	Current, A, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1186	Current, B, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1188	Current, C, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1192	Voltage, A-N, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B– 4: Register Listing—Min Max Values (*continued*)

Min Max values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
1194	Voltage, B-N, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1196	Voltage, C-N, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1198	Voltage, A-B, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1200	Voltage, B-C, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
1202	Voltage, C-A, THD Maximum	2	Float	RO	Y	-	%	0.0-1000.0	
4055	Real Power, Total Minimum	1	Integer	RO	Y	W	kW	0-32767	Absolute
4056	Apparent Power, Total Minimum	1	Integer	RO	Y	W	kVA	0-32767	
4057	Reactive Power, Total Minimum	1	Integer	RO	Y	W	kVAR	0-32767	Absolute
4058	Power Factor, Total Minimum	1	Integer	RO	Y	0.0001	-	0-10000	Absolute
4059	Frequency Minimum	1	Integer	RO	Y	0.01	Hz	4500-6500	
4060	Current, A, Minimum	1	Integer	RO	Y	I	Amp	0-32767	
4061	Current, B, Minimum	1	Integer	RO	Y	I	Amp	0-32767	
4062	Current, C, Minimum	1	Integer	RO	Y	I	Amp	0-32767	
4064	Voltage, A-N, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4065	Voltage, B-N, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4066	Voltage, C-N, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4067	Voltage, A-B, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4068	Voltage, B-C, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4069	Voltage, C-A, Minimum	1	Integer	RO	Y	V	Volt	0-32767	
4070	Current, A, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4071	Current, B, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4072	Current, C, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4074	Voltage, A-N, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4075	Voltage, B-N, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 4: Register Listing—Min Max Values (continued)

Min Max values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
4076	Voltage, C-N, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4077	Voltage, A-B, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4078	Voltage, B-C, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4079	Voltage, C-A, THD Minimum	1	Integer	RO	Y	0.1	%	0-10000	
4080	Real Power, Total Maximum	1	Integer	RO	Y	W	kW	0-32767	Absolute
4081	Apparent Power, Total Maximum	1	Integer	RO	Y	W	kVA	0-32767	
4082	Reactive Power, Total Maximum	1	Integer	RO	Y	W	kVAR	0-32767	Absolute
4083	Power Factor, Total Maximum	1	Integer	RO	Y	0.0001	-	0-10000	Absolute
4084	Frequency Maximum	1	Integer	RO	Y	0.01	Hz	4500-6500	
4085	Current, A, Maximum	1	Integer	RO	Y	I	Amp	0-32767	
4086	Current, B, Maximum	1	Integer	RO	Y	I	Amp	0-32767	
4087	Current, C, Maximum	1	Integer	RO	Y	I	Amp	0-32767	
4089	Voltage, A-N, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4090	Voltage, B-N, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4091	Voltage, C-N, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4092	Voltage, A-B, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4093	Voltage, B-C, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4094	Voltage, C-A, Maximum	1	Integer	RO	Y	V	Volt	0-32767	
4095	Current, A, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4096	Current, B, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4097	Current, C, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4099	Voltage, A-N, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4100	Voltage, B-N, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4101	Voltage, C-N, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
RO = Read Only R/W = Read/Write NV = Nonvolatile.									

Table B- 4: Register Listing—Min Max Values *(continued)*

Min Max values									
Reg	Name	Size	Type	Access	NV	Scale	Units	Range	Notes
4102	Voltage, A-B, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4103	Voltage, B-C, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	
4104	Voltage, C-A, THD Maximum	1	Integer	RO	Y	0.1	%	0-10000	

RO = Read Only
R/W = Read/Write
NV = Nonvolatile.

Table B- 5: Register Listing—Reset Commands

Reset Commands—Write commands to Register 4126.		
Command	Parameters	Notes
666		Restart demand metering
6209	Register: Energy value to appear in register: 7016 4000 7017 4001 7018 4002 7019 4003 7020 4004 7021 4005	Preset Energy Values
10001		Clear the Usage Timers. (Set to 0)
14255		Reset all Min/Max Values. (Sets values to defaults)
21212		Reset Peak Demand values. (Set to 0)
30078		Clear all Energy Accumulators. (Set to 0)

NOTE: Register List is based on Firmware versions 2.020

SUPPORTED MODBUS COMMANDS

Table B– 6: Modbus Commands

Command	Description
0x03	Read holding registers
0x04	Read input registers
0x06	Preset single registers
0x10	Preset multiple registers
0x11	Report ID Return String byte 1: 0x11 byte 2: number of bytes following without crc byte 3: ID byte = 250 byte 4: status = 0xFF bytes 5+: ID string = PM710 Power Meter last 2 bytes: CRC
0x2B	Read device identification, BASIC implementation (0x00, 0x01, 0x02 data), conformity level 1, Object Values 0x01: If register 4128 is 0, then "Merlin Gerin. If register 4128 is 1, then "Square D" 0x02: "PM710" 0x03: "Vxx.yyy" where xx.yyy is the OS version number. This is the reformatted version of register 7001. If the value for register 7001 is 12345, then the 0x03 data would be "V12.345"