



## **BlueNet BN3000 - BN7500 / PU2 Modbus TCP protocol V2.01**

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Read Holding Register FC 0x03

Register	Variable Name	Resolution	Measurement Point	Comment	Address
1	Type	digit	Device	1: Power Unit, 2: Master, 3: Slave, 4: Power Unit Slave	0000
2	--			Device State	0001
3	Current	0.01 A			0002
4	Peak Current	0.01 A			0003
5	Active Power	W		Only Master/Slave	0004
6	Peak Active Power	W		Only Master/Slave	0005
7	Active Energy High Byte	0.1 kWh			0006
8	Active Energy Low Byte	0.1 kWh			0007
9	Custom Active Energy High	0.1 kWh			0008
10	Custom Active Energy Low Byte	0.1 kWh			0009
11	Current AC	0.1 mA		Sum of RCM AC values	000A
12	Peak Current AC	0.1 mA		Peak of the above	000B
13	Current DC	0.1 mA		Sum of RCM DC values	000C
14	Peak Current DC	0.1 mA		Peak of the above	000D
15					000E
16	Type	digit	Inlet C1		000F
17	--			Inlet State	0010
18	Current	0.01 A			0011
19	Peak Current	0.01 A			0012
20	Active Power	W			0013
21	Peak Active Power	W			0014
22	Apparent Power	VA		Only Master/Slave	0015
23	Active Energy High Byte	0.1 kWh			0016
24	Active Energy Low Byte	0.1 kWh			0017
25	Custom Active Energy High	0.1 kWh			0018
26	Custom Active Energy Low Byte	0.1 kWh			0019
27	Neutral Current	0.01 A		Only Master/Slave	001A
28	Peak Neutral Current	0.01 A		Only Master/Slave	001B
29	Delta Voltage 12	0.1 V		Only Master/Slave	001C
30	Delta Voltage 23	0.1 V		Only Master/Slave	001D
31	Delta Voltage 31	0.1 V		Only Master/Slave	001E
32	Current AC	0.1 mA			001F

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33	Peak Current AC	0.1 mA		0020
34	Current DC	0.1 mA		0021
35	Peak Current DC	0.1 mA		0022
36				0023
37	Type	digit Inlet C2		0024
38	--			0025
39	Current	0.01 A		0026
40	Peak Current	0.01 A		0027
41	Active Power	W		0028
42	Peak Active Power	W		0029
43	Apparent Power	VA	Only Master/Slave (undefined)	002A
44	Active Energy High Byte	0.1 kWh		002B
45	Active Energy Low Byte	0.1 kWh		002C
46	Custom Active Energy High	0.1 kWh		002D
47	Custom Active Energy Low f	0.1 kWh		002E
48	Neutral Current	0.01 A	Only Master/Slave (undefined)	002F
49	Peak Neutral Current	0.01 A	Only Master/Slave (undefined)	0030
50	Delta Voltage 12	0.1 V	Only Master/Slave (undefined)	0031
51	Delta Voltage 23	0.1 V	Only Master/Slave (undefined)	0032
52	Delta Voltage 31	0.1 V	Only Master/Slave (undefined)	0033
53	Current AC	0.1 mA		0034
54	Peak Current AC	0.1 mA		0035
55	Current DC	0.1 mA		0036
56	Peak Current DC	0.1 mA		0037
57				0038
58	Type	digit Outlet C11	Only Power Unit Master/Slave, either a real outlet or a measurement group	0039
59	--			003A
60	Current	0.01 A		003B
61	Peak Current	0.01 A		003C
62	Active Power	W		003D
63	Peak Active Power	W		003E
64	Apparent Power	VA		003F
65	Active Energy High Byte	0.1 kWh		0040

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66	Active Energy Low Byte	0.1 kWh		0041
67	Custom Active Energy High	0.1 kWh		0042
68	Custom Active Energy Low f	0.1 kWh		0043
69	Neutral Current	0.01 A		0044
70	Peak Neutral Current	0.01 A		0045
71	Delta Voltage 12	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0046
72	Delta Voltage 23	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0047
73	Delta Voltage 31	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0048
74	Current AC	0.1 mA		0049
75	Peak Current AC	0.1 mA		004A
76	Current DC	0.1 mA		004B
77	Peak Current DC	0.1 mA		004C
78				004D
79	Type	digit Outlet C12	Only Power Unit Master/Slave, either a real outlet or a measurement group	004E
80	--			004F
81	Current	0.01 A		0050
82	Peak Current	0.01 A		0051
83	Active Power	W		0052
84	Peak Active Power	W		0053
85	Apparent Power	VA		0054
86	Active Energy High Byte	0.1 kWh		0055
87	Active Energy Low Byte	0.1 kWh		0056
88	Custom Active Energy High	0.1 kWh		0057
89	Custom Active Energy Low f	0.1 kWh		0058
90	Neutral Current	0.01 A		0059
91	Peak Neutral Current	0.01 A		005A
92	Delta Voltage 12	0.1 V	Only if this is a Power Unit Master/Slave Outlet	005B
93	Delta Voltage 23	0.1 V	Only if this is a Power Unit Master/Slave Outlet	005C
94	Delta Voltage 31	0.1 V	Only if this is a Power Unit Master/Slave Outlet	005D
95	Current AC	0.1 mA		005E
96	Peak Current AC	0.1 mA		005F
97	Current DC	0.1 mA		0060
98	Peak Current DC	0.1 mA		0061

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99				0062
100	Type	digit Outlet C21	Only Power Unit Master/Slave, either a real outlet or a measurement group	0063
101	--			0064
102	Current	0.01 A		0065
103	Peak Current	0.01 A		0066
104	Active Power	W		0067
105	Peak Active Power	W		0068
106	Apparent Power	VA		0069
107	Active Energy High Byte	0.1 kWh		006A
108	Active Energy Low Byte	0.1 kWh		006B
109	Custom Active Energy High	0.1 kWh		006C
110	Custom Active Energy Low f	0.1 kWh		006D
111	Neutral Current	0.01 A		006E
112	Peak Neutral Current	0.01 A		006F
113	Delta Voltage 12	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0070
114	Delta Voltage 23	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0071
115	Delta Voltage 31	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0072
116	Current AC	0.1 mA		0073
117	Peak Current AC	0.1 mA		0074
118	Current DC	0.1 mA		0075
119	Peak Current DC	0.1 mA		0076
120				0077
121	Type	digit Outlet C22	Only Power Unit Master/Slave, either a real outlet or a measurement group	0078
122	--			0079
123	Current	0.01 A		007A
124	Peak Current	0.01 A		007B
125	Active Power	W		007C
126	Peak Active Power	W		007D
127	Apparent Power	VA		007E
128	Active Energy High Byte	0.1 kWh		007F
129	Active Energy Low Byte	0.1 kWh		0080
130	Custom Active Energy High	0.1 kWh		0081
131	Custom Active Energy Low f	0.1 kWh		0082

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132	Neutral Current	0.01 A		0083
133	Peak Neutral Current	0.01 A		0084
134	Delta Voltage 12	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0085
135	Delta Voltage 23	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0086
136	Delta Voltage 31	0.1 V	Only if this is a Power Unit Master/Slave Outlet	0087
137	Current AC	0.1 mA		0088
138	Peak Current AC	0.1 mA		0089
139	Current DC	0.1 mA		008A
140	Peak Current DC	0.1 mA		008B
141				008C
142	Type	digit Phase C111	PU: First Inlet, first outlet, first phase; PDU: First inlet, first phase	008D
143	--			008E
144	Voltage	0.1 V		008F
145	Current	0.01 A		0090
146	Peak Current	0.01 A		0091
147	Power Factor	0,001	negative values have MSB = 1	0092
148	Active Power	W		0093
149	Peak Active Power	W		0094
150	Apparent Power	VA		0095
151	Active Energy High Byte	0.1 kWh		0096
152	Active Energy Low Byte	0.1 kWh		0097
153	Custom Active Energy High	0.1 kWh		0098
154	Custom Active Energy Low f	0.1 kWh		0099
155	Apparent Energy High Byte	0.1 kVAh		009A
156	Apparent Energy Low Byte	0.1 kVAh		009B
157	Frequency	0.1 Hz		009C
158	Current AC	0.1 mA		009D
159	Peak Current AC	0.1 mA		009E
160	Current DC	0.1 mA		009F
161	Peak Current DC	0.1 mA		00A0
162				00A1
163	Type	digit Phase C112	PU: First Inlet, first outlet, second phase; PDU: First inlet, second phase	00A2
164	--			00A3

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165	Voltage	0.1 V		00A4
166	Current	0.01 A		00A5
167	Peak Current	0.01 A		00A6
168	Power Factor	0,001	negative values have MSB = 1	00A7
169	Active Power	W		00A8
170	Peak Active Power	W		00A9
171	Apparent Power	VA		00AA
172	Active Energy High Byte	0.1 kWh		00AB
173	Active Energy Low Byte	0.1 kWh		00AC
174	Custom Active Energy High	0.1 kWh		00AD
175	Custom Active Energy Low f	0.1 kWh		00AE
176	Apparent Energy High Byte	0.1 kVAh		00AF
177	Apparent Energy Low Byte	0.1 kVAh		00B0
178	Frequency	0.1 Hz		00B1
179	Current AC	0.1 mA		00B2
180	Peak Current AC	0.1 mA		00B3
181	Current DC	0.1 mA		00B4
182	Peak Current DC	0.1 mA		00B5
183				00B6
184	Type	digit Phase C113	PU: First Inlet, first outlet, third phase; PDU: First inlet, third phase	00B7
185	--			00B8
186	Voltage	0.1 V		00B9
187	Current	0.01 A		00BA
188	Peak Current	0.01 A		00BB
189	Power Factor	0,001	negative values have MSB = 1	00BC
190	Active Power	W		00BD
191	Peak Active Power	W		00BE
192	Apparent Power	VA		00BF
193	Active Energy High Byte	0.1 kWh		00C0
194	Active Energy Low Byte	0.1 kWh		00C1
195	Custom Active Energy High	0.1 kWh		00C2
196	Custom Active Energy Low f	0.1 kWh		00C3
197	Apparent Energy High Byte	0.1 kVAh		00C4

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198	Apparent Energy Low Byte	0.1 kVAh		00C5
199	Frequency	0.1 Hz		00C6
200	Current AC	0.1 mA		00C7
201	Peak Current AC	0.1 mA		00C8
202	Current DC	0.1 mA		00C9
203	Peak Current DC	0.1 mA		00CA
204				00CB
205	Type	digit Phase C121	PU: First Inlet, second outlet, first phase	00CC
206	--			00CD
207	Voltage	0.1 V		00CE
208	Current	0.01 A		00CF
209	Peak Current	0.01 A		00D0
210	Power Factor	0,001	negative values have MSB = 1	00D1
211	Active Power	W		00D2
212	Peak Active Power	W		00D3
213	Apparent Power	VA		00D4
214	Active Energy High Byte	0.1 kWh		00D5
215	Active Energy Low Byte	0.1 kWh		00D6
216	Custom Active Energy High	0.1 kWh		00D7
217	Custom Active Energy Low f	0.1 kWh		00D8
218	Apparent Energy High Byte	0.1 kVAh		00D9
219	Apparent Energy Low Byte	0.1 kVAh		00DA
220	Frequency	0.1 Hz		00DB
221	Current AC	0.1 mA		00DC
222	Peak Current AC	0.1 mA		00DD
223	Current DC	0.1 mA		00DE
224	Peak Current DC	0.1 mA		00DF
225				00E0
226	Type	digit Phase C122	PU: First Inlet, second outlet, second phase	00E1
227	--			00E2
228	Voltage	0.1 V		00E3
229	Current	0.01 A		00E4
230	Peak Current	0.01 A		00E5



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231	Power Factor	0,001	negative values have MSB = 1	00E6
232	Active Power	W		00E7
233	Peak Active Power	W		00E8
234	Apparent Power	VA		00E9
235	Active Energy High Byte	0.1 kWh		00EA
236	Active Energy Low Byte	0.1 kWh		00EB
237	Custom Active Energy High	0.1 kWh		00EC
238	Custom Active Energy Low f	0.1 kWh		00ED
239	Apparent Energy High Byte	0.1 kVAh		00EE
240	Apparent Energy Low Byte	0.1 kVAh		00EF
241	Frequency	0.1 Hz		00F0
242	Current AC	0.1 mA		00F1
243	Peak Current AC	0.1 mA		00F2
244	Current DC	0.1 mA		00F3
245	Peak Current DC	0.1 mA		00F4
246				00F5
247	Type	digit Phase C123	PU: First Inlet, second outlet, third phase	00F6
248	--			00F7
249	Voltage	0.1 V		00F8
250	Current	0.01 A		00F9
251	Peak Current	0.01 A		00FA
252	Power Factor	0,001	negative values have MSB = 1	00FB
253	Active Power	W		00FC
254	Peak Active Power	W		00FD
255	Apparent Power	VA		00FE
256	Active Energy High Byte	0.1 kWh		00FF
257	Active Energy Low Byte	0.1 kWh		0100
258	Custom Active Energy High	0.1 kWh		0101
259	Custom Active Energy Low f	0.1 kWh		0102
260	Apparent Energy High Byte	0.1 kVAh		0103
261	Apparent Energy Low Byte	0.1 kVAh		0104
262	Frequency	0.1 Hz		0105
263	Current AC	0.1 mA		0106

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264	Peak Current AC	0.1 mA		0107
265	Current DC	0.1 mA		0108
266	Peak Current DC	0.1 mA		0109
267				010A
268	Type	digit Phase C211	PU: Second Inlet, first outlet, first phase; PDU: Second Inlet, first phase	010B
269	--			010C
270	Voltage	0.1 V		010D
271	Current	0.01 A		010E
272	Peak Current	0.01 A		010F
273	Power Factor	0,001	negative values have MSB = 1	0110
274	Active Power	W		0111
275	Peak Active Power	W		0112
276	Apparent Power	VA		0113
277	Active Energy High Byte	0.1 kWh		0114
278	Active Energy Low Byte	0.1 kWh		0115
279	Custom Active Energy High	0.1 kWh		0116
280	Custom Active Energy Low	0.1 kWh		0117
281	Apparent Energy High Byte	0.1 kVAh		0118
282	Apparent Energy Low Byte	0.1 kVAh		0119
283	Frequency	0.1 Hz		011A
284	Current AC	0.1 mA		011B
285	Peak Current AC	0.1 mA		011C
286	Current DC	0.1 mA		011D
287	Peak Current DC	0.1 mA		011E
288				011F
289	Type	digit Phase C212	PU: Second Inlet, first outlet, second phase; PDU: Second Inlet, second phase	0120
290	--			0121
291	Voltage	0.1 V		0122
292	Current	0.01 A		0123
293	Peak Current	0.01 A		0124
294	Power Factor	0,001	negative values have MSB = 1	0125
295	Active Power	W		0126
296	Peak Active Power	W		0127

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297	Apparent Power	VA		0128
298	Active Energy High Byte	0.1 kWh		0129
299	Active Energy Low Byte	0.1 kWh		012A
300	Custom Active Energy High	0.1 kWh		012B
301	Custom Active Energy Low	0.1 kWh		012C
302	Apparent Energy High Byte	0.1 kVAh		012D
303	Apparent Energy Low Byte	0.1 kVAh		012E
304	Frequency	0.1 Hz		012F
305	Current AC	0.1 mA		0130
306	Peak Current AC	0.1 mA		0131
307	Current DC	0.1 mA		0132
308	Peak Current DC	0.1 mA		0133
309				0134
310	Type	digit Phase C213	PU: Second Inlet, first outlet, third phase; PDU: Second Inlet, third phase	0135
311	--			0136
312	Voltage	0.1 V		0137
313	Current	0.01 A		0138
314	Peak Current	0.01 A		0139
315	Power Factor	0,001	negative values have MSB = 1	013A
316	Active Power	W		013B
317	Peak Active Power	W		013C
318	Apparent Power	VA		013D
319	Active Energy High Byte	0.1 kWh		013E
320	Active Energy Low Byte	0.1 kWh		013F
321	Custom Active Energy High	0.1 kWh		0140
322	Custom Active Energy Low	0.1 kWh		0141
323	Apparent Energy High Byte	0.1 kVAh		0142
324	Apparent Energy Low Byte	0.1 kVAh		0143
325	Frequency	0.1 Hz		0144
326	Current AC	0.1 mA		0145
327	Peak Current AC	0.1 mA		0146
328	Current DC	0.1 mA		0147
329	Peak Current DC	0.1 mA		0148

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330			0149
331 Type	digit Phase C221	PU: Second Inlet, second outlet, first phase	014A
332 --			014B
333 Voltage	0.1 V		014C
334 Current	0.01 A		014D
335 Peak Current	0.01 A		014E
336 Power Factor	0,001	negative values have MSB = 1	014F
337 Active Power	W		0150
338 Peak Active Power	W		0151
339 Apparent Power	VA		0152
340 Active Energy High Byte	0.1 kWh		0153
341 Active Energy Low Byte	0.1 kWh		0154
342 Custom Active Energy High	0.1 kWh		0155
343 Custom Active Energy Low f	0.1 kWh		0156
344 Apparent Energy High Byte	0.1 kVAh		0157
345 Apparent Energy Low Byte	0.1 kVAh		0158
346 Frequency	0.1 Hz		0159
347 Current AC	0.1 mA		015A
348 Peak Current AC	0.1 mA		015B
349 Current DC	0.1 mA		015C
350 Peak Current DC	0.1 mA		015D
351			015E
352 Type	digit Phase C222	PU: Second Inlet, second outlet, second phase	015F
353 --			0160
354 Voltage	0.1 V		0161
355 Current	0.01 A		0162
356 Peak Current	0.01 A		0163
357 Power Factor	0,001	negative values have MSB = 1	0164
358 Active Power	W		0165
359 Peak Active Power	W		0166
360 Apparent Power	VA		0167
361 Active Energy High Byte	0.1 kWh		0168
362 Active Energy Low Byte	0.1 kWh		0169

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363	Custom Active Energy High	0.1 kWh		016A
364	Custom Active Energy Low f	0.1 kWh		016B
365	Apparent Energy High Byte	0.1 kVAh		016C
366	Apparent Energy Low Byte	0.1 kVAh		016D
367	Frequency	0.1 Hz		016E
368	Current AC	0.1 mA		016F
369	Peak Current AC	0.1 mA		0170
370	Current DC	0.1 mA		0171
371	Peak Current DC	0.1 mA		0172
372				0173
373	Type	digit Phase C223	PU: Second Inlet, second outlet, third phase	0174
374	--			0175
375	Voltage	0.1 V		0176
376	Current	0.01 A		0177
377	Peak Current	0.01 A		0178
378	Power Factor	0,001	negative values have MSB = 1	0179
379	Active Power	W		017A
380	Peak Active Power	W		017B
381	Apparent Power	VA		017C
382	Active Energy High Byte	0.1 kWh		017D
383	Active Energy Low Byte	0.1 kWh		017E
384	Custom Active Energy High	0.1 kWh		017F
385	Custom Active Energy Low f	0.1 kWh		0180
386	Apparent Energy High Byte	0.1 kVAh		0181
387	Apparent Energy Low Byte	0.1 kVAh		0182
388	Frequency	0.1 Hz		0183
389	Current AC	0.1 mA		0184
390	Peak Current AC	0.1 mA		0185
391	Current DC	0.1 mA		0186
392	Peak Current DC	0.1 mA		0187
393				0188
394	Type	digit Fuse 1		0189
395	--			018A

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396 Current	0.01 A	018B
397		018C
398 Type	digit Fuse 2	018D
399 --		018E
400 Current	0.01 A	018F
401		0190
402 Type	digit Fuse 3	0191
403 --		0192
404 Current	0.01 A	0193
405		0194
406 Type	digit Fuse 4	0195
407 --		0196
408 Current	0.01 A	0197
409		0198
410 Type	digit Fuse 5	0199
411 --		019A
412 Current	0.01 A	019B
413		019C
414 Type	digit Fuse 6	019D
415 --		019E
416 Current	0.01 A	019F
417		01A0
418 Type	digit Fuse 7	01A1
419 --		01A2
420 Current	0.01 A	01A3
421		01A4
422 Type	digit Fuse 8	01A5
423 --		01A6
424 Current	0.01 A	01A7
425		01A8
426 Type	digit Fuse 9	01A9
427 --		01AA
428 Current	0.01 A	01AB

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429			01AC
430	Type	digit Fuse 10	01AD
431	--		01AE
432	Current	0.01 A	01AF
433			01B0
434	Type	digit Fuse 11	01B1
435	--		01B2
436	Current	0.01 A	01B3
437			01B4
438	Type	digit Fuse 12	01B5
439	--		01B6
440	Current	0.01 A	01B7
441			01B8
442	Type	digit RCM 1	01B9
443	--		01BA
444	Current AC	0.1 mA	01BB
445	Peak Current AC	0.1 mA	01BC
446	Current DC	0.1 mA	01BD
447	Peak Current DC	0.1 mA	01BE
448			01BF
449	Type	digit RCM 2	01C0
450	--		01C1
451	Current AC	0.1 mA	01C2
452	Peak Current AC	0.1 mA	01C3
453	Current DC	0.1 mA	01C4
454	Peak Current DC	0.1 mA	01C5
455			01C6
456	Type	digit RCM 3	01C7
457	--		01C8
458	Current AC	0.1 mA	01C9
459	Peak Current AC	0.1 mA	01CA
460	Current DC	0.1 mA	01CB
461	Peak Current DC	0.1 mA	01CC

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462			01CD
463	Type	digit RCM 4	01CE
464	--		01CF
465	Current AC	0.1 mA	01D0
466	Peak Current AC	0.1 mA	01D1
467	Current DC	0.1 mA	01D2
468	Peak Current DC	0.1 mA	01D3
469			01D4
470	Type	digit RCM 5	01D5
471	--		01D6
472	Current AC	0.1 mA	01D7
473	Peak Current AC	0.1 mA	01D8
474	Current DC	0.1 mA	01D9
475	Peak Current DC	0.1 mA	01DA
476			01DB
477	Type	digit RCM 6	01DC
478	--		01DD
479	Current AC	0.1 mA	01DE
480	Peak Current AC	0.1 mA	01DF
481	Current DC	0.1 mA	01E0
482	Peak Current DC	0.1 mA	01E1
483			01E2
484	Type	digit RCM 7	01E3
485	--		01E4
486	Current AC	0.1 mA	01E5
487	Peak Current AC	0.1 mA	01E6
488	Current DC	0.1 mA	01E7
489	Peak Current DC	0.1 mA	01E8
490			01E9
491	Type	digit RCM 8	01EA
492	--		01EB
493	Current AC	0.1 mA	01EC
494	Peak Current AC	0.1 mA	01ED



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495	Current DC	0.1 mA		01EE
496	Peak Current DC	0.1 mA		01EF
497				01F0
498	Type	digit RCM 9		01F1
499	--			01F2
500	Current AC	0.1 mA		01F3
501	Peak Current AC	0.1 mA		01F4
502	Current DC	0.1 mA		01F5
503	Peak Current DC	0.1 mA		01F6
504				01F7
505	Type	digit RCM 10		01F8
506	--			01F9
507	Current AC	0.1 mA		01FA
508	Peak Current AC	0.1 mA		01FB
509	Current DC	0.1 mA		01FC
510	Peak Current DC	0.1 mA		01FD
511				01FE
512	Type	digit RCM 11		01FF
513	--			0200
514	Current AC	0.1 mA		0201
515	Peak Current AC	0.1 mA		0202
516	Current DC	0.1 mA		0203
517	Peak Current DC	0.1 mA		0204
518				0205
519	Type	digit RCM 12		0206
520	--			0207
521	Current AC	0.1 mA		0208
522	Peak Current AC	0.1 mA		0209
523	Current DC	0.1 mA		020A
524	Peak Current DC	0.1 mA		020B
525				020C
526	Type	digit Socket 1	Only Master/Slave	020D
527	--			020E

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528	Current	0.01 A		020F
529	Peak Current	0.01 A		0210
530	Power Factor	0,001	negative values have MSB = 1	0211
531	Active Power	W		0212
532	Peak Active Power	W		0213
533	Apparent Power	VA		0214
534	Active Energy High Byte	0.1 kWh		0215
535	Active Energy Low Byte	0.1 kWh		0216
536	Custom Active Energy High	0.1 kWh		0217
537	Custom Active EnergyLow B	0.1 kWh		0218
538	Apparent Energy High Byte	0.1 kVAh		0219
539	Apparent Energy Low Byte	0.1 kVAh		021A
540				021B
541	Type	digit Socket 2	Only Master/Slave	021C
542	--			021D
543	Current	0.01 A		021E
544	Peak Current	0.01 A		021F
545	Power Factor	0,001	negative values have MSB = 1	0220
546	Active Power	W		0221
547	Peak Active Power	W		0222
548	Apparent Power	VA		0223
549	Active Energy High Byte	0.1 kWh		0224
550	Active Energy Low Byte	0.1 kWh		0225
551	Custom Active Energy High	0.1 kWh		0226
552	Custom Active EnergyLow B	0.1 kWh		0227
553	Apparent Energy High Byte	0.1 kVAh		0228
554	Apparent Energy Low Byte	0.1 kVAh		0229
555				022A
556	Type	digit Socket 3	Only Master/Slave	022B
557	--			022C
558	Current	0.01 A		022D
559	Peak Current	0.01 A		022E
560	Power Factor	0,001	negative values have MSB = 1	022F

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561	Active Power	W		0230
562	Peak Active Power	W		0231
563	Apparent Power	VA		0232
564	Active Energy High Byte	0.1 kWh		0233
565	Active Energy Low Byte	0.1 kWh		0234
566	Custom Active Energy High	0.1 kWh		0235
567	Custom Active EnergyLow B	0.1 kWh		0236
568	Apparent Energy High Byte	0.1 kVAh		0237
569	Apparent Energy Low Byte	0.1 kVAh		0238
570				0239
571	Type	digit Socket 4	Only Master/Slave	023A
572	--			023B
573	Current	0.01 A		023C
574	Peak Current	0.01 A		023D
575	Power Factor	0,001	negative values have MSB = 1	023E
576	Active Power	W		023F
577	Peak Active Power	W		0240
578	Apparent Power	VA		0241
579	Active Energy High Byte	0.1 kWh		0242
580	Active Energy Low Byte	0.1 kWh		0243
581	Custom Active Energy High	0.1 kWh		0244
582	Custom Active EnergyLow B	0.1 kWh		0245
583	Apparent Energy High Byte	0.1 kVAh		0246
584	Apparent Energy Low Byte	0.1 kVAh		0247
585				0248
586	Type	digit Socket 5	Only Master/Slave	0249
587	--			024A
588	Current	0.01 A		024B
589	Peak Current	0.01 A		024C
590	Power Factor	0,001	negative values have MSB = 1	024D
591	Active Power	W		024E
592	Peak Active Power	W		024F
593	Apparent Power	VA		0250

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594	Active Energy High Byte	0.1 kWh		0251
595	Active Energy Low Byte	0.1 kWh		0252
596	Custom Active Energy High	0.1 kWh		0253
597	Custom Active EnergyLow B	0.1 kWh		0254
598	Apparent Energy High Byte	0.1 kVAh		0255
599	Apparent Energy Low Byte	0.1 kVAh		0256
600				0257
601	Type	digit	Socket 6	Only Master/Slave
602	--			0259
603	Current	0.01 A		025A
604	Peak Current	0.01 A		025B
605	Power Factor	0,001	negative values have MSB = 1	025C
606	Active Power	W		025D
607	Peak Active Power	W		025E
608	Apparent Power	VA		025F
609	Active Energy High Byte	0.1 kWh		0260
610	Active Energy Low Byte	0.1 kWh		0261
611	Custom Active Energy High	0.1 kWh		0262
612	Custom Active EnergyLow B	0.1 kWh		0263
613	Apparent Energy High Byte	0.1 kVAh		0264
614	Apparent Energy Low Byte	0.1 kVAh		0265
615				0266
616	Type	digit	Socket 7	Only Master/Slave
617	--			0268
618	Current	0.01 A		0269
619	Peak Current	0.01 A		026A
620	Power Factor	0,001	negative values have MSB = 1	026B
621	Active Power	W		026C
622	Peak Active Power	W		026D
623	Apparent Power	VA		026E
624	Active Energy High Byte	0.1 kWh		026F
625	Active Energy Low Byte	0.1 kWh		0270
626	Custom Active Energy High	0.1 kWh		0271

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627	Custom Active EnergyLow B	0.1 kWh		0272
628	Apparent Energy High Byte	0.1 kVAh		0273
629	Apparent Energy Low Byte	0.1 kVAh		0274
630				0275
631	Type	digit Socket 8	Only Master/Slave	0276
632	--			0277
633	Current	0.01 A		0278
634	Peak Current	0.01 A		0279
635	Power Factor	0,001	negative values have MSB = 1	027A
636	Active Power	W		027B
637	Peak Active Power	W		027C
638	Apparent Power	VA		027D
639	Active Energy High Byte	0.1 kWh		027E
640	Active Energy Low Byte	0.1 kWh		027F
641	Custom Active Energy High	0.1 kWh		0280
642	Custom Active EnergyLow B	0.1 kWh		0281
643	Apparent Energy High Byte	0.1 kVAh		0282
644	Apparent Energy Low Byte	0.1 kVAh		0283
645				0284
646	Type	digit Socket 9	Only Master/Slave	0285
647	--			0286
648	Current	0.01 A		0287
649	Peak Current	0.01 A		0288
650	Power Factor	0,001	negative values have MSB = 1	0289
651	Active Power	W		028A
652	Peak Active Power	W		028B
653	Apparent Power	VA		028C
654	Active Energy High Byte	0.1 kWh		028D
655	Active Energy Low Byte	0.1 kWh		028E
656	Custom Active Energy High	0.1 kWh		028F
657	Custom Active EnergyLow B	0.1 kWh		0290
658	Apparent Energy High Byte	0.1 kVAh		0291
659	Apparent Energy Low Byte	0.1 kVAh		0292

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660				0293
661	Type	digit Socket 10	Only Master/Slave	0294
662	--			0295
663	Current	0.01 A		0296
664	Peak Current	0.01 A		0297
665	Power Factor	0,001	negative values have MSB = 1	0298
666	Active Power	W		0299
667	Peak Active Power	W		029A
668	Apparent Power	VA		029B
669	Active Energy High Byte	0.1 kWh		029C
670	Active Energy Low Byte	0.1 kWh		029D
671	Custom Active Energy High	0.1 kWh		029E
672	Custom Active EnergyLow B	0.1 kWh		029F
673	Apparent Energy High Byte	0.1 kVAh		02A0
674	Apparent Energy Low Byte	0.1 kVAh		02A1
675				02A2
676	Type	digit Socket 11	Only Master/Slave	02A3
677	--			02A4
678	Current	0.01 A		02A5
679	Peak Current	0.01 A		02A6
680	Power Factor	0,001	negative values have MSB = 1	02A7
681	Active Power	W		02A8
682	Peak Active Power	W		02A9
683	Apparent Power	VA		02AA
684	Active Energy High Byte	0.1 kWh		02AB
685	Active Energy Low Byte	0.1 kWh		02AC
686	Custom Active Energy High	0.1 kWh		02AD
687	Custom Active EnergyLow B	0.1 kWh		02AE
688	Apparent Energy High Byte	0.1 kVAh		02AF
689	Apparent Energy Low Byte	0.1 kVAh		02B0
690				02B1
691	Type	digit Socket 12	Only Master/Slave	02B2
692	--			02B3

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693	Current	0.01 A		02B4
694	Peak Current	0.01 A		02B5
695	Power Factor	0,001	negative values have MSB = 1	02B6
696	Active Power	W		02B7
697	Peak Active Power	W		02B8
698	Apparent Power	VA		02B9
699	Active Energy High Byte	0.1 kWh		02BA
700	Active Energy Low Byte	0.1 kWh		02BB
701	Custom Active Energy High	0.1 kWh		02BC
702	Custom Active EnergyLow B	0.1 kWh		02BD
703	Apparent Energy High Byte	0.1 kVAh		02BE
704	Apparent Energy Low Byte	0.1 kVAh		02BF
705				02C0
706	Type	digit Socket 13	Only Master/Slave	02C1
707	--			02C2
708	Current	0.01 A		02C3
709	Peak Current	0.01 A		02C4
710	Power Factor	0,001	negative values have MSB = 1	02C5
711	Active Power	W		02C6
712	Peak Active Power	W		02C7
713	Apparent Power	VA		02C8
714	Active Energy High Byte	0.1 kWh		02C9
715	Active Energy Low Byte	0.1 kWh		02CA
716	Custom Active Energy High	0.1 kWh		02CB
717	Custom Active EnergyLow B	0.1 kWh		02CC
718	Apparent Energy High Byte	0.1 kVAh		02CD
719	Apparent Energy Low Byte	0.1 kVAh		02CE
720				02CF
721	Type	digit Socket 14	Only Master/Slave	02D0
722	--			02D1
723	Current	0.01 A		02D2
724	Peak Current	0.01 A		02D3
725	Power Factor	0,001	negative values have MSB = 1	02D4

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726	Active Power	W		02D5
727	Peak Active Power	W		02D6
728	Apparent Power	VA		02D7
729	Active Energy High Byte	0.1 kWh		02D8
730	Active Energy Low Byte	0.1 kWh		02D9
731	Custom Active Energy High	0.1 kWh		02DA
732	Custom Active EnergyLow B	0.1 kWh		02DB
733	Apparent Energy High Byte	0.1 kVAh		02DC
734	Apparent Energy Low Byte	0.1 kVAh		02DD
735				02DE
736	Type	digit Socket 15	Only Master/Slave	02DF
737	--			02E0
738	Current	0.01 A		02E1
739	Peak Current	0.01 A		02E2
740	Power Factor	0,001	negative values have MSB = 1	02E3
741	Active Power	W		02E4
742	Peak Active Power	W		02E5
743	Apparent Power	VA		02E6
744	Active Energy High Byte	0.1 kWh		02E7
745	Active Energy Low Byte	0.1 kWh		02E8
746	Custom Active Energy High	0.1 kWh		02E9
747	Custom Active EnergyLow B	0.1 kWh		02EA
748	Apparent Energy High Byte	0.1 kVAh		02EB
749	Apparent Energy Low Byte	0.1 kVAh		02EC
750				02ED
751	Type	digit Socket 16	Only Master/Slave	02EE
752	--			02EF
753	Current	0.01 A		02F0
754	Peak Current	0.01 A		02F1
755	Power Factor	0,001	negative values have MSB = 1	02F2
756	Active Power	W		02F3
757	Peak Active Power	W		02F4
758	Apparent Power	VA		02F5



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759	Active Energy High Byte	0.1 kWh		02F6
760	Active Energy Low Byte	0.1 kWh		02F7
761	Custom Active Energy High	0.1 kWh		02F8
762	Custom Active EnergyLow B	0.1 kWh		02F9
763	Apparent Energy High Byte	0.1 kVAh		02FA
764	Apparent Energy Low Byte	0.1 kVAh		02FB
765				02FC
766	Type	digit Socket 17	Only Master/Slave	02FD
767	--			02FE
768	Current	0.01 A		02FF
769	Peak Current	0.01 A		0300
770	Power Factor	0,001	negative values have MSB = 1	0301
771	Active Power	W		0302
772	Peak Active Power	W		0303
773	Apparent Power	VA		0304
774	Active Energy High Byte	0.1 kWh		0305
775	Active Energy Low Byte	0.1 kWh		0306
776	Custom Active Energy High	0.1 kWh		0307
777	Custom Active EnergyLow B	0.1 kWh		0308
778	Apparent Energy High Byte	0.1 kVAh		0309
779	Apparent Energy Low Byte	0.1 kVAh		030A
780				030B
781	Type	digit Socket 18	Only Master/Slave	030C
782	--			030D
783	Current	0.01 A		030E
784	Peak Current	0.01 A		030F
785	Power Factor	0,001	negative values have MSB = 1	0310
786	Active Power	W		0311
787	Peak Active Power	W		0312
788	Apparent Power	VA		0313
789	Active Energy High Byte	0.1 kWh		0314
790	Active Energy Low Byte	0.1 kWh		0315
791	Custom Active Energy High	0.1 kWh		0316

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792	Custom Active EnergyLow B	0.1 kWh		0317
793	Apparent Energy High Byte	0.1 kVAh		0318
794	Apparent Energy Low Byte	0.1 kVAh		0319
795				031A
796	Type	digit Socket 19	Only Master/Slave	031B
797	--			031C
798	Current	0.01 A		031D
799	Peak Current	0.01 A		031E
800	Power Factor	0,001	negative values have MSB = 1	031F
801	Active Power	W		0320
802	Peak Active Power	W		0321
803	Apparent Power	VA		0322
804	Active Energy High Byte	0.1 kWh		0323
805	Active Energy Low Byte	0.1 kWh		0324
806	Custom Active Energy High	0.1 kWh		0325
807	Custom Active EnergyLow B	0.1 kWh		0326
808	Apparent Energy High Byte	0.1 kVAh		0327
809	Apparent Energy Low Byte	0.1 kVAh		0328
810				0329
811	Type	digit Socket 20	Only Master/Slave	032A
812	--			032B
813	Current	0.01 A		032C
814	Peak Current	0.01 A		032D
815	Power Factor	0,001	negative values have MSB = 1	032E
816	Active Power	W		032F
817	Peak Active Power	W		0330
818	Apparent Power	VA		0331
819	Active Energy High Byte	0.1 kWh		0332
820	Active Energy Low Byte	0.1 kWh		0333
821	Custom Active Energy High	0.1 kWh		0334
822	Custom Active EnergyLow B	0.1 kWh		0335
823	Apparent Energy High Byte	0.1 kVAh		0336
824	Apparent Energy Low Byte	0.1 kVAh		0337

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825				0338
826	Type	digit Socket 21	Only Master/Slave	0339
827	--			033A
828	Current	0.01 A		033B
829	Peak Current	0.01 A		033C
830	Power Factor	0,001	negative values have MSB = 1	033D
831	Active Power	W		033E
832	Peak Active Power	W		033F
833	Apparent Power	VA		0340
834	Active Energy High Byte	0.1 kWh		0341
835	Active Energy Low Byte	0.1 kWh		0342
836	Custom Active Energy High	0.1 kWh		0343
837	Custom Active EnergyLow B	0.1 kWh		0344
838	Apparent Energy High Byte	0.1 kVAh		0345
839	Apparent Energy Low Byte	0.1 kVAh		0346
840				0347
841	Type	digit Socket 22	Only Master/Slave	0348
842	--			0349
843	Current	0.01 A		034A
844	Peak Current	0.01 A		034B
845	Power Factor	0,001	negative values have MSB = 1	034C
846	Active Power	W		034D
847	Peak Active Power	W		034E
848	Apparent Power	VA		034F
849	Active Energy High Byte	0.1 kWh		0350
850	Active Energy Low Byte	0.1 kWh		0351
851	Custom Active Energy High	0.1 kWh		0352
852	Custom Active EnergyLow B	0.1 kWh		0353
853	Apparent Energy High Byte	0.1 kVAh		0354
854	Apparent Energy Low Byte	0.1 kVAh		0355
855				0356
856	Type	digit Socket 23	Only Master/Slave	0357
857	--			0358

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858	Current	0.01 A		0359
859	Peak Current	0.01 A		035A
860	Power Factor	0,001	negative values have MSB = 1	035B
861	Active Power	W		035C
862	Peak Active Power	W		035D
863	Apparent Power	VA		035E
864	Active Energy High Byte	0.1 kWh		035F
865	Active Energy Low Byte	0.1 kWh		0360
866	Custom Active Energy High	0.1 kWh		0361
867	Custom Active EnergyLow B	0.1 kWh		0362
868	Apparent Energy High Byte	0.1 kVAh		0363
869	Apparent Energy Low Byte	0.1 kVAh		0364
870				0365
871	Type	digit Socket 24	Only Master/Slave	0366
872	--			0367
873	Current	0.01 A		0368
874	Peak Current	0.01 A		0369
875	Power Factor	0,001	negative values have MSB = 1	036A
876	Active Power	W		036B
877	Peak Active Power	W		036C
878	Apparent Power	VA		036D
879	Active Energy High Byte	0.1 kWh		036E
880	Active Energy Low Byte	0.1 kWh		036F
881	Custom Active Energy High	0.1 kWh		0370
882	Custom Active EnergyLow B	0.1 kWh		0371
883	Apparent Energy High Byte	0.1 kVAh		0372
884	Apparent Energy Low Byte	0.1 kVAh		0373
885				0374
886	Type	digit Socket 25	Only Master/Slave	0375
887	--			0376
888	Current	0.01 A		0377
889	Peak Current	0.01 A		0378
890	Power Factor	0,001	negative values have MSB = 1	0379

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891	Active Power	W		037A
892	Peak Active Power	W		037B
893	Apparent Power	VA		037C
894	Active Energy High Byte	0.1 kWh		037D
895	Active Energy Low Byte	0.1 kWh		037E
896	Custom Active Energy High	0.1 kWh		037F
897	Custom Active EnergyLow B	0.1 kWh		0380
898	Apparent Energy High Byte	0.1 kVAh		0381
899	Apparent Energy Low Byte	0.1 kVAh		0382
900				0383
901	Type	digit	Socket 26	Only Master/Slave
902	--			0385
903	Current	0.01 A		0386
904	Peak Current	0.01 A		0387
905	Power Factor	0,001	negative values have MSB = 1	0388
906	Active Power	W		0389
907	Peak Active Power	W		038A
908	Apparent Power	VA		038B
909	Active Energy High Byte	0.1 kWh		038C
910	Active Energy Low Byte	0.1 kWh		038D
911	Custom Active Energy High	0.1 kWh		038E
912	Custom Active EnergyLow B	0.1 kWh		038F
913	Apparent Energy High Byte	0.1 kVAh		0390
914	Apparent Energy Low Byte	0.1 kVAh		0391
915				0392
916	Type	digit	Socket 27	Only Master/Slave
917	--			0394
918	Current	0.01 A		0395
919	Peak Current	0.01 A		0396
920	Power Factor	0,001	negative values have MSB = 1	0397
921	Active Power	W		0398
922	Peak Active Power	W		0399
923	Apparent Power	VA		039A

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924	Active Energy High Byte	0.1 kWh		039B
925	Active Energy Low Byte	0.1 kWh		039C
926	Custom Active Energy High	0.1 kWh		039D
927	Custom Active EnergyLow B	0.1 kWh		039E
928	Apparent Energy High Byte	0.1 kVAh		039F
929	Apparent Energy Low Byte	0.1 kVAh		03A0
930				03A1
931	Type	digit Socket 28	Only Master/Slave	03A2
932	--			03A3
933	Current	0.01 A		03A4
934	Peak Current	0.01 A		03A5
935	Power Factor	0,001	negative values have MSB = 1	03A6
936	Active Power	W		03A7
937	Peak Active Power	W		03A8
938	Apparent Power	VA		03A9
939	Active Energy High Byte	0.1 kWh		03AA
940	Active Energy Low Byte	0.1 kWh		03AB
941	Custom Active Energy High	0.1 kWh		03AC
942	Custom Active EnergyLow B	0.1 kWh		03AD
943	Apparent Energy High Byte	0.1 kVAh		03AE
944	Apparent Energy Low Byte	0.1 kVAh		03AF
945				03B0
946	Type	digit Socket 29	Only Master/Slave	03B1
947	--			03B2
948	Current	0.01 A		03B3
949	Peak Current	0.01 A		03B4
950	Power Factor	0,001	negative values have MSB = 1	03B5
951	Active Power	W		03B6
952	Peak Active Power	W		03B7
953	Apparent Power	VA		03B8
954	Active Energy High Byte	0.1 kWh		03B9
955	Active Energy Low Byte	0.1 kWh		03BA
956	Custom Active Energy High	0.1 kWh		03BB

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957	Custom Active EnergyLow B	0.1 kWh		03BC
958	Apparent Energy High Byte	0.1 kVAh		03BD
959	Apparent Energy Low Byte	0.1 kVAh		03BE
960				03BF
961	Type	digit Socket 30	Only Master/Slave	03C0
962	--			03C1
963	Current	0.01 A		03C2
964	Peak Current	0.01 A		03C3
965	Power Factor	0,001	negative values have MSB = 1	03C4
966	Active Power	W		03C5
967	Peak Active Power	W		03C6
968	Apparent Power	VA		03C7
969	Active Energy High Byte	0.1 kWh		03C8
970	Active Energy Low Byte	0.1 kWh		03C9
971	Custom Active Energy High	0.1 kWh		03CA
972	Custom Active EnergyLow B	0.1 kWh		03CB
973	Apparent Energy High Byte	0.1 kVAh		03CC
974	Apparent Energy Low Byte	0.1 kVAh		03CD
975				03CE
976	Type	digit Socket 31	Only Master/Slave	03CF
977	--			03D0
978	Current	0.01 A		03D1
979	Peak Current	0.01 A		03D2
980	Power Factor	0,001	negative values have MSB = 1	03D3
981	Active Power	W		03D4
982	Peak Active Power	W		03D5
983	Apparent Power	VA		03D6
984	Active Energy High Byte	0.1 kWh		03D7
985	Active Energy Low Byte	0.1 kWh		03D8
986	Custom Active Energy High	0.1 kWh		03D9
987	Custom Active EnergyLow B	0.1 kWh		03DA
988	Apparent Energy High Byte	0.1 kVAh		03DB
989	Apparent Energy Low Byte	0.1 kVAh		03DC

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990				03DD
991	Type	digit Socket 32	Only Master/Slave	03DE
992	--			03DF
993	Current	0.01 A		03E0
994	Peak Current	0.01 A		03E1
995	Power Factor	0,001	negative values have MSB = 1	03E2
996	Active Power	W		03E3
997	Peak Active Power	W		03E4
998	Apparent Power	VA		03E5
999	Active Energy High Byte	0.1 kWh		03E6
1000	Active Energy Low Byte	0.1 kWh		03E7
1001	Custom Active Energy High	0.1 kWh		03E8
1002	Custom Active EnergyLow B	0.1 kWh		03E9
1003	Apparent Energy High Byte	0.1 kVAh		03EA
1004	Apparent Energy Low Byte	0.1 kVAh		03EB
1005				03EC
1006	Type	digit Socket 33	Only Master/Slave	03ED
1007	--			03EE
1008	Current	0.01 A		03EF
1009	Peak Current	0.01 A		03F0
1010	Power Factor	0,001	negative values have MSB = 1	03F1
1011	Active Power	W		03F2
1012	Peak Active Power	W		03F3
1013	Apparent Power	VA		03F4
1014	Active Energy High Byte	0.1 kWh		03F5
1015	Active Energy Low Byte	0.1 kWh		03F6
1016	Custom Active Energy High	0.1 kWh		03F7
1017	Custom Active EnergyLow B	0.1 kWh		03F8
1018	Apparent Energy High Byte	0.1 kVAh		03F9
1019	Apparent Energy Low Byte	0.1 kVAh		03FA
1020				03FB
1021	Type	digit Socket 34	Only Master/Slave	03FC
1022	--			03FD



Read Holding Register FC 0x03

1023	Current	0.01 A		03FE
1024	Peak Current	0.01 A		03FF
1025	Power Factor	0,001	negative values have MSB = 1	0400
1026	Active Power	W		0401
1027	Peak Active Power	W		0402
1028	Apparent Power	VA		0403
1029	Active Energy High Byte	0.1 kWh		0404
1030	Active Energy Low Byte	0.1 kWh		0405
1031	Custom Active Energy High	0.1 kWh		0406
1032	Custom Active EnergyLow B	0.1 kWh		0407
1033	Apparent Energy High Byte	0.1 kVAh		0408
1034	Apparent Energy Low Byte	0.1 kVAh		0409
1035				040A
1036	Type	digit Socket 35	Only Master/Slave	040B
1037	--			040C
1038	Current	0.01 A		040D
1039	Peak Current	0.01 A		040E
1040	Power Factor	0,001	negative values have MSB = 1	040F
1041	Active Power	W		0410
1042	Peak Active Power	W		0411
1043	Apparent Power	VA		0412
1044	Active Energy High Byte	0.1 kWh		0413
1045	Active Energy Low Byte	0.1 kWh		0414
1046	Custom Active Energy High	0.1 kWh		0415
1047	Custom Active EnergyLow B	0.1 kWh		0416
1048	Apparent Energy High Byte	0.1 kVAh		0417
1049	Apparent Energy Low Byte	0.1 kVAh		0418
1050				0419
1051	Type	digit Socket 36	Only Master/Slave	041A
1052	--			041B
1053	Current	0.01 A		041C
1054	Peak Current	0.01 A		041D
1055	Power Factor	0,001	negative values have MSB = 1	041E

Read Holding Register FC 0x03

1056	Active Power	W		041F
1057	Peak Active Power	W		0420
1058	Apparent Power	VA		0421
1059	Active Energy High Byte	0.1 kWh		0422
1060	Active Energy Low Byte	0.1 kWh		0423
1061	Custom Active Energy High	0.1 kWh		0424
1062	Custom Active EnergyLow B	0.1 kWh		0425
1063	Apparent Energy High Byte	0.1 kVAh		0426
1064	Apparent Energy Low Byte	0.1 kVAh		0427
1065				0428
1066	Type	digit Socket 37	Only Master/Slave	0429
1067	--			042A
1068	Current	0.01 A		042B
1069	Peak Current	0.01 A		042C
1070	Power Factor	0,001	negative values have MSB = 1	042D
1071	Active Power	W		042E
1072	Peak Active Power	W		042F
1073	Apparent Power	VA		0430
1074	Active Energy High Byte	0.1 kWh		0431
1075	Active Energy Low Byte	0.1 kWh		0432
1076	Custom Active Energy High	0.1 kWh		0433
1077	Custom Active EnergyLow B	0.1 kWh		0434
1078	Apparent Energy High Byte	0.1 kVAh		0435
1079	Apparent Energy Low Byte	0.1 kVAh		0436
1080				0437
1081	Type	digit Socket 38	Only Master/Slave	0438
1082	--			0439
1083	Current	0.01 A		043A
1084	Peak Current	0.01 A		043B
1085	Power Factor	0,001	negative values have MSB = 1	043C
1086	Active Power	W		043D
1087	Peak Active Power	W		043E
1088	Apparent Power	VA		043F

Read Holding Register FC 0x03

1089	Active Energy High Byte	0.1 kWh		0440
1090	Active Energy Low Byte	0.1 kWh		0441
1091	Custom Active Energy High	0.1 kWh		0442
1092	Custom Active EnergyLow B	0.1 kWh		0443
1093	Apparent Energy High Byte	0.1 kVAh		0444
1094	Apparent Energy Low Byte	0.1 kVAh		0445
1095				0446
1096	Type	digit Socket 39	Only Master/Slave	0447
1097	--			0448
1098	Current	0.01 A		0449
1099	Peak Current	0.01 A		044A
1100	Power Factor	0,001	negative values have MSB = 1	044B
1101	Active Power	W		044C
1102	Peak Active Power	W		044D
1103	Apparent Power	VA		044E
1104	Active Energy High Byte	0.1 kWh		044F
1105	Active Energy Low Byte	0.1 kWh		0450
1106	Custom Active Energy High	0.1 kWh		0451
1107	Custom Active EnergyLow B	0.1 kWh		0452
1108	Apparent Energy High Byte	0.1 kVAh		0453
1109	Apparent Energy Low Byte	0.1 kVAh		0454
1110				0455
1111	Type	digit Socket 40	Only Master/Slave	0456
1112	--			0457
1113	Current	0.01 A		0458
1114	Peak Current	0.01 A		0459
1115	Power Factor	0,001	negative values have MSB = 1	045A
1116	Active Power	W		045B
1117	Peak Active Power	W		045C
1118	Apparent Power	VA		045D
1119	Active Energy High Byte	0.1 kWh		045E
1120	Active Energy Low Byte	0.1 kWh		045F
1121	Custom Active Energy High	0.1 kWh		0460

Read Holding Register FC 0x03

1122	Custom Active EnergyLow B	0.1 kWh		0461
1123	Apparent Energy High Byte	0.1 kVAh		0462
1124	Apparent Energy Low Byte	0.1 kVAh		0463
1125				0464
1126	Type	digit Socket 40	Only Master/Slave	0465
1127	--			0466
1128	Current	0.01 A		0467
1129	Peak Current	0.01 A		0468
1130	Power Factor	0,001	negative values have MSB = 1	0469
1131	Active Power	W		046A
1132	Peak Active Power	W		046B
1133	Apparent Power	VA		046C
1134	Active Energy High Byte	0.1 kWh		046D
1135	Active Energy Low Byte	0.1 kWh		046E
1136	Custom Active Energy High	0.1 kWh		046F
1137	Custom Active EnergyLow B	0.1 kWh		0470
1138	Apparent Energy High Byte	0.1 kVAh		0471
1139	Apparent Energy Low Byte	0.1 kVAh		0472
1140				0473
1141	Type	digit Socket 41	Only Master/Slave	0474
1142	--			0475
1143	Current	0.01 A		0476
1144	Peak Current	0.01 A		0477
1145	Power Factor	0,001	negative values have MSB = 1	0478
1146	Active Power	W		0479
1147	Peak Active Power	W		047A
1148	Apparent Power	VA		047B
1149	Active Energy High Byte	0.1 kWh		047C
1150	Active Energy Low Byte	0.1 kWh		047D
1151	Custom Active Energy High	0.1 kWh		047E
1152	Custom Active EnergyLow B	0.1 kWh		047F
1153	Apparent Energy High Byte	0.1 kVAh		0480
1154	Apparent Energy Low Byte	0.1 kVAh		0481

Read Holding Register FC 0x03

1155				0482
1156	Type	digit Socket 42	Only Master/Slave	0483
1157	--			0484
1158	Current	0.01 A		0485
1159	Peak Current	0.01 A		0486
1160	Power Factor	0,001	negative values have MSB = 1	0487
1161	Active Power	W		0488
1162	Peak Active Power	W		0489
1163	Apparent Power	VA		048A
1164	Active Energy High Byte	0.1 kWh		048B
1165	Active Energy Low Byte	0.1 kWh		048C
1166	Custom Active Energy High	0.1 kWh		048D
1167	Custom Active EnergyLow B	0.1 kWh		048E
1168	Apparent Energy High Byte	0.1 kVAh		048F
1169	Apparent Energy Low Byte	0.1 kVAh		0490
1170				0491
1171	Type	digit Socket 43	Only Master/Slave	0492
1172	--			0493
1173	Current	0.01 A		0494
1174	Peak Current	0.01 A		0495
1175	Power Factor	0,001	negative values have MSB = 1	0496
1176	Active Power	W		0497
1177	Peak Active Power	W		0498
1178	Apparent Power	VA		0499
1179	Active Energy High Byte	0.1 kWh		049A
1180	Active Energy Low Byte	0.1 kWh		049B
1181	Custom Active Energy High	0.1 kWh		049C
1182	Custom Active EnergyLow B	0.1 kWh		049D
1183	Apparent Energy High Byte	0.1 kVAh		049E
1184	Apparent Energy Low Byte	0.1 kVAh		049F
1185				04A0
1186	Type	digit Socket 44	Only Master/Slave	04A1
1187	--			04A2

Read Holding Register FC 0x03

1188	Current	0.01 A		04A3
1189	Peak Current	0.01 A		04A4
1190	Power Factor	0,001	negative values have MSB = 1	04A5
1191	Active Power	W		04A6
1192	Peak Active Power	W		04A7
1193	Apparent Power	VA		04A8
1194	Active Energy High Byte	0.1 kWh		04A9
1195	Active Energy Low Byte	0.1 kWh		04AA
1196	Custom Active Energy High	0.1 kWh		04AB
1197	Custom Active EnergyLow B	0.1 kWh		04AC
1198	Apparent Energy High Byte	0.1 kVAh		04AD
1199	Apparent Energy Low Byte	0.1 kVAh		04AE
1200				04AF
1201	Type	digit Socket 45	Only Master/Slave	04B0
1202	--			04B1
1203	Current	0.01 A		04B2
1204	Peak Current	0.01 A		04B3
1205	Power Factor	0,001	negative values have MSB = 1	04B4
1206	Active Power	W		04B5
1207	Peak Active Power	W		04B6
1208	Apparent Power	VA		04B7
1209	Active Energy High Byte	0.1 kWh		04B8
1210	Active Energy Low Byte	0.1 kWh		04B9
1211	Custom Active Energy High	0.1 kWh		04BA
1212	Custom Active EnergyLow B	0.1 kWh		04BB
1213	Apparent Energy High Byte	0.1 kVAh		04BC
1214	Apparent Energy Low Byte	0.1 kVAh		04BD
1215				04BE
1216	Type	digit Socket 46	Only Master/Slave	04BF
1217	--			04C0
1218	Current	0.01 A		04C1
1219	Peak Current	0.01 A		04C2
1220	Power Factor	0,001	negative values have MSB = 1	04C3

Read Holding Register FC 0x03

1221	Active Power	W		04C4
1222	Peak Active Power	W		04C5
1223	Apparent Power	VA		04C6
1224	Active Energy High Byte	0.1 kWh		04C7
1225	Active Energy Low Byte	0.1 kWh		04C8
1226	Custom Active Energy High	0.1 kWh		04C9
1227	Custom Active EnergyLow B	0.1 kWh		04CA
1228	Apparent Energy High Byte	0.1 kVAh		04CB
1229	Apparent Energy Low Byte	0.1 kVAh		04CC
1230				04CD
1231	Type	digit Socket 47	Only Master/Slave	04CE
1232	--			04CF
1233	Current	0.01 A		04D0
1234	Peak Current	0.01 A		04D1
1235	Power Factor	0,001	negative values have MSB = 1	04D2
1236	Active Power	W		04D3
1237	Peak Active Power	W		04D4
1238	Apparent Power	VA		04D5
1239	Active Energy High Byte	0.1 kWh		04D6
1240	Active Energy Low Byte	0.1 kWh		04D7
1241	Custom Active Energy High	0.1 kWh		04D8
1242	Custom Active EnergyLow B	0.1 kWh		04D9
1243	Apparent Energy High Byte	0.1 kVAh		04DA
1244	Apparent Energy Low Byte	0.1 kVAh		04DB
1245				04DC
1246	Type	digit Socket 48	Only Master/Slave	04DD
1247	--			04DE
1248	Current	0.01 A		04DF
1249	Peak Current	0.01 A		04E0
1250	Power Factor	0,001	negative values have MSB = 1	04E1
1251	Active Power	W		04E2
1252	Peak Active Power	W		04E3
1253	Apparent Power	VA		04E4

Read Holding Register FC 0x03

1254	Active Energy High Byte	0.1 kWh		04E5
1255	Active Energy Low Byte	0.1 kWh		04E6
1256	Custom Active Energy High	0.1 kWh		04E7
1257	Custom Active EnergyLow B	0.1 kWh		04E8
1258	Apparent Energy High Byte	0.1 kVAh		04E9
1259	Apparent Energy Low Byte	0.1 kVAh		04EA
1260				04EB
1261	Type	digit Sensor 1	1: Temperature, 2: Combination, 3: GPIO, 4: Door	04EC
1262	--			04ED
1263	Sensor Variable 1			04EE
1264	Sensor Variable 2			04EF
1265	Sensor Variable 3			04F0
1266	Sensor Variable 4			04F1
1267	Sensor Variable 5			04F2
1268	Sensor Variable 6			04F3
1269	Sensor Variable 7			04F4
1270	Sensor Variable 8			04F5
1271				04F6
1272	Type	digit Sensor 2		04F7
1273	--			04F8
1274	Sensor Variable 1			04F9
1275	Sensor Variable 2			04FA
1276	Sensor Variable 3			04FB
1277	Sensor Variable 4			04FC
1278	Sensor Variable 5			04FD
1279	Sensor Variable 6			04FE
1280	Sensor Variable 7			04FF
1281	Sensor Variable 8			0500
1282				0501
1283	Type	digit Sensor 3		0502
1284	--			0503
1285	Sensor Variable 1			0504
1286	Sensor Variable 2			0505



Read Holding Register FC 0x03

1287	Sensor Variable 3		0506
1288	Sensor Variable 4		0507
1289	Sensor Variable 5		0508
1290	Sensor Variable 6		0509
1291	Sensor Variable 7		050A
1292	Sensor Variable 8		050B
1293			050C
1294	Type	digit Sensor 4	050D
1295	--		050E
1296	Sensor Variable 1		050F
1297	Sensor Variable 2		0510
1298	Sensor Variable 3		0511
1299	Sensor Variable 4		0512
1300	Sensor Variable 5		0513
1301	Sensor Variable 6		0514
1302	Sensor Variable 7		0515
1303	Sensor Variable 8		0516
1304			0517
1305	Type	digit Sensor 5	0518
1306	--		0519
1307	Sensor Variable 1		051A
1308	Sensor Variable 2		051B
1309	Sensor Variable 3		051C
1310	Sensor Variable 4		051D
1311	Sensor Variable 5		051E
1312	Sensor Variable 6		051F
1313	Sensor Variable 7		0520
1314	Sensor Variable 8		0521
1315			0522
1316	Type	digit Sensor 6	0523
1317	--		0524
1318	Sensor Variable 1		0525
1319	Sensor Variable 2		0526

Read Holding Register FC 0x03

1320	Sensor Variable 3		0527
1321	Sensor Variable 4		0528
1322	Sensor Variable 5		0529
1323	Sensor Variable 6		052A
1324	Sensor Variable 7		052B
1325	Sensor Variable 8		052C
1326			052D
1327	Type	digit Sensor 7	052E
1328	--		052F
1329	Sensor Variable 1		0530
1330	Sensor Variable 2		0531
1331	Sensor Variable 3		0532
1332	Sensor Variable 4		0533
1333	Sensor Variable 5		0534
1334	Sensor Variable 6		0535
1335	Sensor Variable 7		0536
1336	Sensor Variable 8		0537
1337			0538
1338	Type	digit Sensor 8	0539
1339	--		053A
1340	Sensor Variable 1		053B
1341	Sensor Variable 2		053C
1342	Sensor Variable 3		053D
1343	Sensor Variable 4		053E
1344	Sensor Variable 5		053F
1345	Sensor Variable 6		0540
1346	Sensor Variable 7		0541
1347	Sensor Variable 8		0542
1348			0543
1349	Type	digit Sensor 9	0544
1350	--		0545
1351	Sensor Variable 1		0546
1352	Sensor Variable 2		0547

Read Holding Register FC 0x03

1353	Sensor Variable 3			0548
1354	Sensor Variable 4			0549
1355	Sensor Variable 5			054A
1356	Sensor Variable 6			054B
1357	Sensor Variable 7			054C
1358	Sensor Variable 8			054D
1359				054E

2001	Type	digit Device	Slave 1
2002	--		Device State

...

4001	Type	digit Device	Slave 2
4002	--		Device State

...

6001	Type	digit Device	Slave 3
6002	--		Device State

...

8001	Type	digit Device	Slave 4
8002	--		Device State

...

10001	Type	digit Device	Slave 5
10002	--		Device State

...

12001	Type	digit Device	Slave 6
12002	--		Device State

...

14001	Type	digit Device	Slave 7
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Read Holding Register FC 0x03

14002 --		Device State
...		
16001 Type	digit Device	Slave 8
16002 --		Device State
...		
18001 Type	digit Device	Slave 9
18002 --		Device State
...		
20001 Type	digit Device	Slave 10
20002 --		Device State

Read Input Register FC 0x04

Register	Variable Name	Measurement Point	Comment
1	--	Device	
2	State		Device State
3	Current		
4	--		
5	--		
6	--		
7	--		
8	--		
9	--		
10	--		
11	Current AC		
12	--		
13	Current DC		
14	--		
15			
16	--	Inlet C1	
17	State		Inlet State
18	Current		
19	--		
20	--		
21	--		
22	--		
23	--		
24	--		
25	--		
26	--		
27	Neutral Current		Only Master/Slave
28	--		
29	--		

Read Input Register FC 0x04

30	--		
31	--		
32	Current AC		
33	--		
34	Current DC		
35	--		
36			
37	--	Inlet C2	
38	State		Inlet State
39	Current		
40	--		
41	--		
42	--		
43	--		
44	--		
45	--		
46	--		
47	--		
48	Neutral Current		Only Master/Slave
49	--		
50	--		
51	--		
52	--		
53	Current AC		
54	--		
55	Current DC		
56	--		
57			
58	--	Outlet C11	Only Power Unit Master/Slave, either a real outlet or a measurement group
59	State		

Read Input Register FC 0x04

60 Current

61 --

62 --

63 --

64 --

65 --

66 --

67 --

68 --

69 Neutral Current

70 --

71 --

72 --

73 --

74 Current AC

75 --

76 Current DC

77 --

78

79 --

Outlet C12

Only Power Unit Master/Slave, either a real outlet or a measurement group

80 State

81 Current

82 --

83 --

84 --

85 --

86 --

87 --

88 --

89 --

Read Input Register FC 0x04

90 Neutral Current

91 --

92 --

93 --

94 --

95 Current AC

96 --

97 Current DC

98 --

99

100 --

Outlet C21

Only Power Unit Master/Slave, either a real outlet or a measurement group

101 State

102 Current

103 --

104 --

105 --

106 --

107 --

108 --

109 --

110 --

111 Neutral Current

112 --

113 --

114 --

115 --

116 Current AC

117 --

118 Current DC

119 --



Read Input Register FC 0x04

120		
121 --	Outlet C22	Only Power Unit Master/Slave, either a real outlet or a measurement group
122 State		
123 Current		
124 --		
125 --		
126 --		
127 --		
128 --		
129 --		
130 --		
131 --		
132 Neutral Current		
133 --		
134 --		
135 --		
136 --		
137 Current AC		
138 --		
139 Current DC		
140 --		
141		
142 --	Phase C111	
143 State		
144 Voltage		
145 Current		
146 --		
147 Power Factor		
148 --		
149 --		

Read Input Register FC 0x04

- 150 --
- 151 --
- 152 --
- 153 --
- 154 --
- 155 --
- 156 --
- 157 --
- 158 Current AC
- 159 --
- 160 Current DC
- 161 --
- 162
- 163 --
- 164 State
- 165 Voltage
- 166 Current
- 167 --
- 168 Power Factor
- 169 --
- 170 --
- 171 --
- 172 --
- 173 --
- 174 --
- 175 --
- 176 --
- 177 --
- 178 --
- 179 Current AC

Phase C112

Read Input Register FC 0x04

180 --  
181 Current DC  
182 --  
183  
184 -- Phase C113  
185 State  
186 Voltage  
187 Current  
188 --  
189 Power Factor  
190 --  
191 --  
192 --  
193 --  
194 --  
195 --  
196 --  
197 --  
198 --  
199 --  
200 Current AC  
201 --  
202 Current DC  
203 --  
204  
205 -- Phase C121  
206 State  
207 Voltage  
208 Current  
209 --

Read Input Register FC 0x04

210 Power Factor

211 --

212 --

213 --

214 --

215 --

216 --

217 --

218 --

219 --

220 --

221 Current AC

222 --

223 Current DC

224 --

225

226 --

Phase C122

227 State

228 Voltage

229 Current

230 --

231 Power Factor

232 --

233 --

234 --

235 --

236 --

237 --

238 --

239 --

Read Input Register FC 0x04

240 --  
241 --  
242 Current AC  
243 --  
244 Current DC  
245 --  
246  
247 --                   Phase C123  
248 State  
249 Voltage  
250 Current  
251 --  
252 Power Factor  
253 --  
254 --  
255 --  
256 --  
257 --  
258 --  
259 --  
260 --  
261 --  
262 --  
263 Current AC  
264 --  
265 Current DC  
266 --  
267  
268 --                   Phase C211  
269 State

Read Input Register FC 0x04

270 Voltage

271 Current

272 --

273 Power Factor

274 --

275 --

276 --

277 --

278 --

279 --

280 --

281 --

282 --

283 --

284 Current AC

285 --

286 Current DC

287 --

288

289 --

Phase C212

290 State

291 Voltage

292 Current

293 --

294 Power Factor

295 --

296 --

297 --

298 --

299 --

Read Input Register FC 0x04

300 --

301 --

302 --

303 --

304 --

305 Current AC

306 --

307 Current DC

308 --

309

310 --

Phase C213

311 State

312 Voltage

313 Current

314 --

315 Power Factor

316 --

317 --

318 --

319 --

320 --

321 --

322 --

323 --

324 --

325 --

326 Current AC

327 --

328 Current DC

329 --

Read Input Register FC 0x04

330  
331 -- Phase C221  
332 State  
333 Voltage  
334 Current  
335 --  
336 Power Factor  
337 --  
338 --  
339 --  
340 --  
341 --  
342 --  
343 --  
344 --  
345 --  
346 --  
347 Current AC  
348 --  
349 Current DC  
350 --  
351  
352 -- Phase C222  
353 State  
354 Voltage  
355 Current  
356 --  
357 Power Factor  
358 --  
359 --



Read Input Register FC 0x04

360 --  
361 --  
362 --  
363 --  
364 --  
365 --  
366 --  
367 --  
368 Current AC  
369 --  
370 Current DC  
371 --  
372  
373 --  
374 State  
375 Voltage  
376 Current  
377 --  
378 Power Factor  
379 --  
380 --  
381 --  
382 --  
383 --  
384 --  
385 --  
386 --  
387 --  
388 --  
389 Current AC

Phase C223

Read Input Register FC 0x04

390	--	
391	Current DC	
392	--	
393		
394	--	Fuse 1
395	State	
396	Current	
397		
398	Type	Fuse 2
399	--	
400	Current	
401		
402	--	Fuse 3
403	State	
404	Current	
405		
406	--	Fuse 4
407	State	
408	Current	
409		
410	--	Fuse 5
411	State	
412	Current	
413		
414	--	Fuse 6
415	State	
416	Current	
417		
418	--	Fuse 7
419	State	

Read Input Register FC 0x04

420	Current	
421		
422	--	Fuse 8
423	State	
424	Current	
425		
426	--	Fuse 9
427	State	
428	Current	
429		
430	--	Fuse 10
431	State	
432	Current	
433		
434	--	Fuse 11
435	State	
436	Current	
437		
438	--	Fuse 12
439	State	
440	Current	
441		
442	--	RCM 1
443	State	
444	Current AC	
445	--	
446	Current DC	
447	--	
448		
449	--	RCM 2

Read Input Register FC 0x04

450 State	
451 Current AC	
452 --	
453 Current DC	
454 --	
455	
456 --	RCM 3
457 State	
458 Current AC	
459 --	
460 Current DC	
461 --	
462	
463 --	RCM 4
464 State	
465 Current AC	
466 --	
467 Current DC	
468 --	
469	
470 --	RCM 5
471 State	
472 Current AC	
473 --	
474 Current DC	
475 --	
476	
477 --	RCM 6
478 State	
479 Current AC	

Read Input Register FC 0x04

480	--	
481	Current DC	
482	--	
483		
484	--	RCM 7
485	State	
486	Current AC	
487	--	
488	Current DC	
489	--	
490		
491	--	RCM 8
492	State	
493	Current AC	
494	--	
495	Current DC	
496	--	
497		
498	--	RCM 9
499	State	
500	Current AC	
501	--	
502	Current DC	
503	--	
504		
505	--	RCM 10
506	State	
507	Current AC	
508	--	
509	Current DC	

Read Input Register FC 0x04

510	--		
511			
512	--	RCM 11	
513	State		
514	Current AC		
515	--		
516	Current DC		
517	--		
518			
519	--	RCM 12	
520	Current AC		
521	--		
522	Current DC		
523	--		
524			
525			
526	--	Socket 1	Only Master/Slave
527	State		
528	Current		
529	--		
530	Power Factor		
531	--		
532	--		
533	--		
534	--		
535	--		
536	--		
537	--		
538	--		
539	--		

Read Input Register FC 0x04

540		
541 --	Socket 2	Only Master/Slave
542 State		
543 Current		
544 --		
545 Power Factor		
546 --		
547 --		
548 --		
549 --		
550 --		
551 --		
552 --		
553 --		
554 --		
555		
556 --	Socket 3	Only Master/Slave
557 State		
558 Current		
559 --		
560 Power Factor		
561 --		
562 --		
563 --		
564 --		
565 --		
566 --		
567 --		
568 --		
569 --		

Read Input Register FC 0x04

570		
571 --	Socket 4	Only Master/Slave
572 State		
573 Current		
574 --		
575 Power Factor		
576 --		
577 --		
578 --		
579 --		
580 --		
581 --		
582 --		
583 --		
584 --		
585		
586 --	Socket 5	Only Master/Slave
587 State		
588 Current		
589 --		
590 Power Factor		
591 --		
592 --		
593 --		
594 --		
595 --		
596 --		
597 --		
598 --		
599 --		



Read Input Register FC 0x04

600		
601 --	Socket 6	Only Master/Slave
602 State		
603 Current		
604 --		
605 Power Factor		
606 --		
607 --		
608 --		
609 --		
610 --		
611 --		
612 --		
613 --		
614 --		
615		
616 --	Socket 7	Only Master/Slave
617 State		
618 Current		
619 --		
620 Power Factor		
621 --		
622 --		
623 --		
624 --		
625 --		
626 --		
627 --		
628 --		
629 --		

Read Input Register FC 0x04

630		
631 --	Socket 8	Only Master/Slave
632 State		
633 Current		
634 --		
635 Power Factor		
636 --		
637 --		
638 --		
639 --		
640 --		
641 --		
642 --		
643 --		
644 --		
645		
646 --	Socket 9	Only Master/Slave
647 State		
648 Current		
649 --		
650 Power Factor		
651 --		
652 --		
653 --		
654 --		
655 --		
656 --		
657 --		
658 --		
659 --		

Read Input Register FC 0x04

660		
661 --	Socket 10	Only Master/Slave
662 State		
663 Current		
664 --		
665 Power Factor		
666 --		
667 --		
668 --		
669 --		
670 --		
671 --		
672 --		
673 --		
674 --		
675		
676 --	Socket 11	Only Master/Slave
677 State		
678 Current		
679 --		
680 Power Factor		
681 --		
682 --		
683 --		
684 --		
685 --		
686 --		
687 --		
688 --		
689 --		

Read Input Register FC 0x04

690		
691 --	Socket 12	Only Master/Slave
692 State		
693 Current		
694 --		
695 Power Factor		
696 --		
697 --		
698 --		
699 --		
700 --		
701 --		
702 --		
703 --		
704 --		
705		
706 --	Socket 13	Only Master/Slave
707 State		
708 Current		
709 --		
710 Power Factor		
711 --		
712 --		
713 --		
714 --		
715 --		
716 --		
717 --		
718 --		
719 --		

Read Input Register FC 0x04

720		
721 --	Socket 14	Only Master/Slave
722 State		
723 Current		
724 --		
725 Power Factor		
726 --		
727 --		
728 --		
729 --		
730 --		
731 --		
732 --		
733 --		
734 --		
735		
736 --	Socket 15	Only Master/Slave
737 State		
738 Current		
739 --		
740 Power Factor		
741 --		
742 --		
743 --		
744 --		
745 --		
746 --		
747 --		
748 --		
749 --		

Read Input Register FC 0x04

750		
751 --	Socket 16	Only Master/Slave
752 State		
753 Current		
754 --		
755 Power Factor		
756 --		
757 --		
758 --		
759 --		
760 --		
761 --		
762 --		
763 --		
764 --		
765		
766 --	Socket 17	Only Master/Slave
767 State		
768 Current		
769 --		
770 Power Factor		
771 --		
772 --		
773 --		
774 --		
775 --		
776 --		
777 --		
778 --		
779 --		

Read Input Register FC 0x04

780		
781 --	Socket 18	Only Master/Slave
782 State		
783 Current		
784 --		
785 Power Factor		
786 --		
787 --		
788 --		
789 --		
790 --		
791 --		
792 --		
793 --		
794 --		
795		
796 --	Socket 19	Only Master/Slave
797 State		
798 Current		
799 --		
800 Power Factor		
801 --		
802 --		
803 --		
804 --		
805 --		
806 --		
807 --		
808 --		
809 --		

Read Input Register FC 0x04

810		
811 --	Socket 20	Only Master/Slave
812 State		
813 Current		
814 --		
815 Power Factor		
816 --		
817 --		
818 --		
819 --		
820 --		
821 --		
822 --		
823 --		
824 --		
825		
826 --	Socket 21	Only Master/Slave
827 State		
828 Current		
829 --		
830 Power Factor		
831 --		
832 --		
833 --		
834 --		
835 --		
836 --		
837 --		
838 --		
839 --		



Read Input Register FC 0x04

840		
841 --	Socket 22	Only Master/Slave
842 State		
843 Current		
844 --		
845 Power Factor		
846 --		
847 --		
848 --		
849 --		
850 --		
851 --		
852 --		
853 --		
854 --		
855		
856 --	Socket 23	Only Master/Slave
857 State		
858 Current		
859 --		
860 Power Factor		
861 --		
862 --		
863 --		
864 --		
865 --		
866 --		
867 --		
868 --		
869 --		

Read Input Register FC 0x04

870		
871 --	Socket 24	Only Master/Slave
872 State		
873 Current		
874 --		
875 Power Factor		
876 --		
877 --		
878 --		
879 --		
880 --		
881 --		
882 --		
883 --		
884 --		
885		
886 --	Socket 25	Only Master/Slave
887 State		
888 Current		
889 --		
890 Power Factor		
891 --		
892 --		
893 --		
894 --		
895 --		
896 --		
897 --		
898 --		
899 --		

Read Input Register FC 0x04

900		
901 --	Socket 26	Only Master/Slave
902 State		
903 Current		
904 --		
905 Power Factor		
906 --		
907 --		
908 --		
909 --		
910 --		
911 --		
912 --		
913 --		
914 --		
915		
916 --	Socket 27	Only Master/Slave
917 State		
918 Current		
919 --		
920 Power Factor		
921 --		
922 --		
923 --		
924 --		
925 --		
926 --		
927 --		
928 --		
929 --		

Read Input Register FC 0x04

930		
931 --	Socket 28	Only Master/Slave
932 State		
933 Current		
934 --		
935 Power Factor		
936 --		
937 --		
938 --		
939 --		
940 --		
941 --		
942 --		
943 --		
944 --		
945		
946 --	Socket 29	Only Master/Slave
947 State		
948 Current		
949 --		
950 Power Factor		
951 --		
952 --		
953 --		
954 --		
955 --		
956 --		
957 --		
958 --		
959 --		

Read Input Register FC 0x04

960		
961 --	Socket 30	Only Master/Slave
962 State		
963 Current		
964 --		
965 Power Factor		
966 --		
967 --		
968 --		
969 --		
970 --		
971 --		
972 --		
973 --		
974 --		
975		
976 --	Socket 31	Only Master/Slave
977 State		
978 Current		
979 --		
980 Power Factor		
981 --		
982 --		
983 --		
984 --		
985 --		
986 --		
987 --		
988 --		
989 --		

Read Input Register FC 0x04

990		
991 --	Socket 32	Only Master/Slave
992 State		
993 Current		
994 --		
995 Power Factor		
996 --		
997 --		
998 --		
999 --		
1000 --		
1001 --		
1002 --		
1003 --		
1004 --		
1005		
1006 --	Socket 33	Only Master/Slave
1007 State		
1008 Current		
1009 --		
1010 Power Factor		
1011 --		
1012 --		
1013 --		
1014 --		
1015 --		
1016 --		
1017 --		
1018 --		
1019 --		

Read Input Register FC 0x04

1020		
1021 --	Socket 34	Only Master/Slave
1022 State		
1023 Current		
1024 --		
1025 Power Factor		
1026 --		
1027 --		
1028 --		
1029 --		
1030 --		
1031 --		
1032 --		
1033 --		
1034 --		
1035		
1036 --	Socket 35	Only Master/Slave
1037 State		
1038 Current		
1039 --		
1040 Power Factor		
1041 --		
1042 --		
1043 --		
1044 --		
1045 --		
1046 --		
1047 --		
1048 --		
1049 --		

Read Input Register FC 0x04

1050		
1051 --	Socket 36	Only Master/Slave
1052 State		
1053 Current		
1054 --		
1055 Power Factor		
1056 --		
1057 --		
1058 --		
1059 --		
1060 --		
1061 --		
1062 --		
1063 --		
1064 --		
1065		
1066 --	Socket 37	Only Master/Slave
1067 State		
1068 Current		
1069 --		
1070 Power Factor		
1071 --		
1072 --		
1073 --		
1074 --		
1075 --		
1076 --		
1077 --		
1078 --		
1079 --		



Read Input Register FC 0x04

1080		
1081 --	Socket 38	Only Master/Slave
1082 State		
1083 Current		
1084 --		
1085 Power Factor		
1086 --		
1087 --		
1088 --		
1089 --		
1090 --		
1091 --		
1092 --		
1093 --		
1094 --		
1095		
1096 --	Socket 39	Only Master/Slave
1097 State		
1098 Current		
1099 --		
1100 Power Factor		
1101 --		
1102 --		
1103 --		
1104 --		
1105 --		
1106 --		
1107 --		
1108 --		
1109 --		

Read Input Register FC 0x04

1110		
1111 --	Socket 40	Only Master/Slave
1112 State		
1113 Current		
1114 --		
1115 Power Factor		
1116 --		
1117 --		
1118 --		
1119 --		
1120 --		
1121 --		
1122 --		
1123 --		
1124 --		
1125		
1126 --	Socket 40	Only Master/Slave
1127 State		
1128 Current		
1129 --		
1130 Power Factor		
1131 --		
1132 --		
1133 --		
1134 --		
1135 --		
1136 --		
1137 --		
1138 --		
1139 --		

Read Input Register FC 0x04

1140		
1141 --	Socket 41	Only Master/Slave
1142 State		
1143 Current		
1144 --		
1145 Power Factor		
1146 --		
1147 --		
1148 --		
1149 --		
1150 --		
1151 --		
1152 --		
1153 --		
1154 --		
1155		
1156 --	Socket 42	Only Master/Slave
1157 State		
1158 Current		
1159 --		
1160 Power Factor		
1161 --		
1162 --		
1163 --		
1164 --		
1165 --		
1166 --		
1167 --		
1168 --		
1169 --		

Read Input Register FC 0x04

1170		
1171 --	Socket 43	Only Master/Slave
1172 State		
1173 Current		
1174 --		
1175 Power Factor		
1176 --		
1177 --		
1178 --		
1179 --		
1180 --		
1181 --		
1182 --		
1183 --		
1184 --		
1185		
1186 --	Socket 44	Only Master/Slave
1187 State		
1188 Current		
1189 --		
1190 Power Factor		
1191 --		
1192 --		
1193 --		
1194 --		
1195 --		
1196 --		
1197 --		
1198 --		
1199 --		

Read Input Register FC 0x04

1200		
1201 --	Socket 45	Only Master/Slave
1202 State		
1203 Current		
1204 --		
1205 Power Factor		
1206 --		
1207 --		
1208 --		
1209 --		
1210 --		
1211 --		
1212 --		
1213 --		
1214 --		
1215		
1216 --	Socket 46	Only Master/Slave
1217 State		
1218 Current		
1219 --		
1220 Power Factor		
1221 --		
1222 --		
1223 --		
1224 --		
1225 --		
1226 --		
1227 --		
1228 --		
1229 --		

Read Input Register FC 0x04

1230		
1231 --	Socket 47	Only Master/Slave
1232 State		
1233 Current		
1234 --		
1235 Power Factor		
1236 --		
1237 --		
1238 --		
1239 --		
1240 --		
1241 --		
1242 --		
1243 --		
1244 --		
1245		
1246 --	Socket 48	Only Master/Slave
1247 State		
1248 Current		
1249 --		
1250 Power Factor		
1251 --		
1252 --		
1253 --		
1254 --		
1255 --		
1256 --		
1257 --		
1258 --		
1259 --		

Read Input Register FC 0x04

1260		
1261 --	Sensor 1	1: Temperature, 2: Combination, 3: GPIO, 4: Door
1262 State		Sensor State
1263 Sensor Variable 1		
1264 Sensor Variable 2		
1265 Sensor Variable 3		
1266 Sensor Variable 4		
1267 Sensor Variable 5		
1268 Sensor Variable 6		
1269 Sensor Variable 7		
1270 Sensor Variable 8		
1271		
1272 --	Sensor 2	
1273 State		
1274 Sensor Variable 1		
1275 Sensor Variable 2		
1276 Sensor Variable 3		
1277 Sensor Variable 4		
1278 Sensor Variable 5		
1279 Sensor Variable 6		
1280 Sensor Variable 7		
1281 Sensor Variable 8		
1282		
1283 --	Sensor 3	
1284 State		
1285 Sensor Variable 1		
1286 Sensor Variable 2		
1287 Sensor Variable 3		
1288 Sensor Variable 4		
1289 Sensor Variable 5		

Read Input Register FC 0x04

1290 Sensor Variable 6

1291 Sensor Variable 7

1292 Sensor Variable 8

1293

1294 -- Sensor 4

1295 State

1296 Sensor Variable 1

1297 Sensor Variable 2

1298 Sensor Variable 3

1299 Sensor Variable 4

1300 Sensor Variable 5

1301 Sensor Variable 6

1302 Sensor Variable 7

1303 Sensor Variable 8

1304

1305 -- Sensor 5

1306 State

1307 Sensor Variable 1

1308 Sensor Variable 2

1309 Sensor Variable 3

1310 Sensor Variable 4

1311 Sensor Variable 5

1312 Sensor Variable 6

1313 Sensor Variable 7

1314 Sensor Variable 8

1315

1316 -- Sensor 6

1317 State

1318 Sensor Variable 1

1319 Sensor Variable 2



Read Input Register FC 0x04

1320	Sensor Variable 3	
1321	Sensor Variable 4	
1322	Sensor Variable 5	
1323	Sensor Variable 6	
1324	Sensor Variable 7	
1325	Sensor Variable 8	
1326		
1327	--	Sensor 7
1328	State	
1329	Sensor Variable 1	
1330	Sensor Variable 2	
1331	Sensor Variable 3	
1332	Sensor Variable 4	
1333	Sensor Variable 5	
1334	Sensor Variable 6	
1335	Sensor Variable 7	
1336	Sensor Variable 8	
1337		
1338	--	Sensor 8
1339	State	
1340	Sensor Variable 1	
1341	Sensor Variable 2	
1342	Sensor Variable 3	
1343	Sensor Variable 4	
1344	Sensor Variable 5	
1345	Sensor Variable 6	
1346	Sensor Variable 7	
1347	Sensor Variable 8	
1348		
1349	--	Sensor 8

Read Input Register FC 0x04

1350 State  
1351 Sensor Variable 1  
1352 Sensor Variable 2  
1353 Sensor Variable 3  
1354 Sensor Variable 4  
1355 Sensor Variable 5  
1356 Sensor Variable 6  
1357 Sensor Variable 7  
1358 Sensor Variable 8

...

2001 --	Device	Slave 1
2002 State		Device State

...

4001 --	Device	Slave 2
4002 State		Device State

...

6001 --	Device	Slave 3
6002 State		Device State

...

8001 --	Device	Slave 4
8002 State		Device State

...

10001 --	Device	Slave 5
10002 State		Device State

...

Read Input Register FC 0x04

12001 --	Device	Slave 6
12002 State		Device State
...		
14001 --	Device	Slave 7
14002 State		Device State
...		
16001 --	Device	Slave 8
16002 State		Device State
...		
18001 --	Device	Slave 9
18002 State		Device State
...		
20001 --	Device	Slave 10
20002 State		Device State
...		