ModBus Memory Map Table

Company : AUTONICS

Device Name : TM4

Date : 09.12.2011

No	ModBus	Address	R/W	Size	Parameter
1	40050	0032	R/W	1	CH1 RUN/STOP
2	41050	041A	R/W	1	CH2 RUN/STOP
3	42050	0802	R/W	1	CH3 RUN/STOP
4	43050	0BEA	R/W	1	CH4 RUN/STOP
5	40051	0033	R/W	1	CH1 Multi SV No
6	41051	041B	R/W	1	CH2 Multi SV No
7	42051	0803	R/W	1	CH3 Multi SV No
8	43051	0BEB	R/W	1	CH4 Multi SV No
9	40052	0034	R/W	1	CH1 SV-0
10	41052	041C	R/W	1	CH2 SV-0
11	42052	0804	R/W	1	CH3 SV-0
12	43052	0BEC	R/W	1	CH4 SV-0
13	40053	0035	R/W	1	CH1 SV-1
14	41053	041D	R/W	1	CH2 SV-1
15	42053	0805	R/W	1	CH3 SV-1
16	43053	0BED	R/W	1	CH4 SV-1
17	40054	0036	R/W	1	CH1 SV-2
18	41054	041E	R/W	1	CH2 SV-2
19	42054	0806	R/W	1	CH3 SV-2
20	43054	0BEE	R/W	1	CH4 SV-2
21	40055	0037	R/W	1	CH1 SV-3
22	41055	041F	R/W	1	CH2 SV-3
23	42055	0807	R/W	1	CH3 SV-3
24	43055	0BEF	R/W	1	CH4 SV-3
25	40100	0064	R/W	1	CH1 Auto-Tuning Execute
26	41100	044C	R/W	1	CH2 Auto-Tuning Execute
27	42100	0834	R/W	1	CH3 Auto-Tuning Execute
28	43100	0C1C	R/W	1	CH4 Auto-Tuning Execute
29	40101	0065	R/W	1	CH1 Heating_Proportinal Band
30	41101	044D	R/W	1	CH2 Heating_Proportinal Band
31	42101	0835	R/W	1	CH3 Heating_Proportinal Band
32	43101	0C1D	R/W	1	CH4 Heating_Proportinal Band

33	40102	0066	R/W	1	CH1 Cooling_Proportinal Band
34	41102	044E	R/W	1	CH2 Cooling_Proportinal Band
35	42102	0836	R/W	1	CH3 Cooling_Proportinal Band
36	43102	0C1E	R/W	1	CH4 Cooling_Proportinal Band
37	40103	0067	R/W	1	CH1 Heating_Integral Time
38	41103	044F	R/W	1	CH2 Heating_Integral Time
39	42103	0837	R/W	1	CH3 Heating_Integral Time
40	43103	0C1F	R/W	1	CH4 Heating_Integral Time
41	40104	0068	R/W	1	CH1 Cooling_Integral Time
42	41104	0450	R/W	1	CH2 Cooling_Integral Time
43	42104	0838	R/W	1	CH3 Cooling_Integral Time
44	43104	0C20	R/W	1	CH4 Cooling_Integral Time
45	40105	0069	R/W	1	CH1 Heating_Derivation Time
46	41105	0451	R/W	1	CH2 Heating_Derivation Time
47	42105	0839	R/W	1	CH3 Heating_Derivation Time
48	43105	0C21	R/W	1	CH4 Heating_Derivation Time
49	40106	006A	R/W	1	CH1 Cooling_Derivation Time
50	41106	0452	R/W	1	CH2 Cooling_Derivation Time
51	42106	083A	R/W	1	CH3 Cooling_Derivation Time
52	43106	0C22	R/W	1	CH4 Cooling_Derivation Time
53	40107	006B	R/W	1	CH1 Dead_Overlap band
54	41107	0453	R/W	1	CH2 Dead_Overlap band
55	42107	083B	R/W	1	CH3 Dead_Overlap band
56	43107	0C23	R/W	1	CH4 Dead_Overlap band
57	40108	006C	R/W	1	CH1 Manual Reset
58	41108	0454	R/W	1	CH2 Manual Reset
59	42108	083C	R/W	1	CH3 Manual Reset
60	43108	0C24	R/W	1	CH4 Manual Reset
61	40109	006D	R/W	1	CH1 Heating_ON Hysteresis
62	41109	0455	R/W	1	CH2 Heating_ON Hysteresis
63	42109	083D	R/W	1	CH3 Heating_ON Hysteresis
64	43109	0C25	R/W	1	CH4 Heating_ON Hysteresis
65	40110	006E	R/W	1	CH1 Heating_OFF Offset
66	41110	0456	R/W	1	CH2 Heating_OFF Offset
67	42110	083E	R/W	1	CH3 Heating_OFF Offset
68	43110	0C26	R/W	1	CH4 Heating_OFF Offset
69	40111	006F	R/W	1	CH1 Cooling_ON Hysteresis

70	41111	0457	R/W	1	CH2 Cooling_ON Hysteresis
71	42111	083F	R/W	1	CH3 Cooling_ON Hysteresis
72	43111	0C27	R/W	1	CH4 Cooling_ON Hysteresis
73	40112	0070	R/W	1	CH1 Cooling_OFF Offset
74	41112	0458	R/W	1	CH2 Cooling_OFF Offset
75	42112	0840	R/W	1	CH3 Cooling_OFF Offset
76	43112	0C28	R/W	1	CH4 Cooling_OFF Offset
77	40113	0071	R/W	1	CH1 MV Low Limit
78	41113	0459	R/W	1	CH2 MV Low Limit
79	42113	0841	R/W	1	CH3 MV Low Limit
80	43113	0C29	R/W	1	CH4 MV Low Limit
81	40114	0072	R/W	1	CH1 MV High Limit
82	41114	045A	R/W	1	CH2 MV High Limit
83	42114	0842	R/W	1	CH3 MV High Limit
84	43114	0C2A	R/W	1	CH4 MV High Limit
85	40115	0073	R/W	1	CH1 Ramp_Up Rate
86	41115	045B	R/W	1	CH2 Ramp_Up Rate
87	42115	0843	R/W	1	CH3 Ramp_Up Rate
88	43115	0C2B	R/W	1	CH4 Ramp_Up Rate
89	40116	0074	R/W	1	CH1 Ramp_Down Rate
90	41116	045C	R/W	1	CH2 Ramp_Down Rate
91	42116	0844	R/W	1	CH3 Ramp_Down Rate
92	43116	0C2C	R/W	1	CH4 Ramp_Down Rate
93	40117	0075	R/W	1	CH1 Ramp Time Unit
94	41117	045D	R/W	1	CH2 Ramp Time Unit
95	42117	0845	R/W	1	CH3 Ramp Time Unit
96	43117	0C2D	R/W	1	CH4 Ramp Time Unit
97	40000	0000	R/W	1	CH1 SV
98	41000	03E8	R/W	1	CH2 SV
99	42000	07D0	R/W	1	CH3 SV
100	43000	0BB8	R/W	1	CH4 SV
101	40001	0001	R/W	1	CH1 Heating_MV
102	41001	03E9	R/W	1	CH2 Heating_MV
103	42001	07D1	R/W	1	CH3 Heating_MV
104	43001	0BB9	R/W	1	CH4 Heating_MV
105	40002	0002	R/W	1	CH1 Cooling_MV
106	41002	03EA	R/W	1	CH2 Cooling_MV

107	42002	07D2	R/W	1	CH3 Cooling_MV
108	43002	0BBA	R/W	1	CH4 Cooling_MV
109	40003	0003	R/W	1	CH1 Auto_Manual Control
110	41003	03EB	R/W	1	CH2 Auto_Manual Control
111	42003	07D3	R/W	1	CH3 Auto_Manual Control
112	43003	0BBB	R/W	1	CH4 Auto_Manual Control
113	40150	0096	R/W	1	CH1 Input Type
114	41150	047E	R/W	1	CH2 Input Type
115	42150	0866	R/W	1	CH3 Input Type
116	43150	0C4E	R/W	1	CH4 Input Type
117	40151	0097	R/W	1	CH1 Unit
118	41151	047F	R/W	1	CH2 Unit
119	42151	0867	R/W	1	CH3 Unit
120	43151	0C4F	R/W	1	CH4 Unit
121	40152	0098	R/W	1	CH1 Input Bias
122	41152	0480	R/W	1	CH2 Input Bias
123	42152	0868	R/W	1	CH3 Input Bias
124	43152	0C50	R/W	1	CH4 Input Bias
125	40153	0099	R/W	1	CH1 Digital Filter
126	41153	0481	R/W	1	CH2 Digital Filter
127	42153	0869	R/W	1	CH3 Digital Filter
128	43153	0C51	R/W	1	CH4 Digital Filter
129	40154	009A	R/W	1	CH1 SV Low Limit
130	41154	0482	R/W	1	CH2 SV Low Limit
131	42154	086A	R/W	1	CH3 SV Low Limit
132	43154	0C52	R/W	1	CH4 SV Low Limit
133	40155	009B	R/W	1	CH1 SV High Limit
134	41155	0483	R/W	1	CH2 SV High Limit
135	42155	086B	R/W	1	CH3 SV High Limit
136	43155	0C53	R/W	1	CH4 SV High Limit
137	40156	009C	R/W	1	CH1 Operating Type
138	41156	0484	R/W	1	CH2 Operating Type
139	42156	086C	R/W	1	CH3 Operating Type
140	43156	0C54	R/W	1	CH4 Operating Type
141	40157	009D	R/W	1	CH1 Control Method
142	41157	0485	R/W	1	CH2 Control Method
143	42157	086D	R/W	1	CH3 Control Method

144	43157	0C55	R/W	1	CH4 Control Method
145	40158	009E	R/W	1	CH1 Auto-Tuning Mode
146	41158	0486	R/W	1	CH2 Auto-Tuning Mode
147	42158	086E	R/W	1	CH3 Auto-Tuning Mode
148	43158	0C56	R/W	1	CH4 Auto-Tuning Mode
149	40159	009F	R/W	1	CH1 Heating_Control Time
150	41159	0487	R/W	1	CH2 Heating_Control Time
151	42159	086F	R/W	1	CH3 Heating_Control Time
152	43159	0C57	R/W	1	CH4 Heating_Control Time
153	40160	00A0	R/W	1	CH1 Cooling_Control Time
154	41160	0488	R/W	1	CH2 Cooling_Control Time
155	42160	0870	R/W	1	CH3 Cooling_Control Time
156	43160	0C58	R/W	1	CH4 Cooling_Control Time
157	40200	00C8	R/W	1	CH1 Multi SV
158	41200	04B0	R/W	1	CH2 Multi SV
159	42200	0898	R/W	1	CH3 Multi SV
160	43200	0C80	R/W	1	CH4 Multi SV
161	40201	00C9	R/W	1	CH1 Initial Manual MV
162	41201	04B1	R/W	1	CH2 Initial Manual MV
163	42201	0899	R/W	1	CH3 Initial Manual MV
164	43201	0C81	R/W	1	CH4 Initial Manual MV
165	40202	00CA	R/W	1	CH1 Preset Manual MV
166	41202	04B2	R/W	1	CH2 Preset Manual MV
167	42202	089A	R/W	1	CH3 Preset Manual MV
168	43202	0C82	R/W	1	CH4 Preset Manual MV
169	40203	00CB	R/W	1	CH1 Sensor Error MV
170	41203	04B3	R/W	1	CH2 Sensor Error MV
171	42203	089B	R/W	1	CH3 Sensor Error MV
172	43203	0C83	R/W	1	CH4 Sensor Error MV
173	40204	00CC	R/W	1	CH1 Stop MV
174	41204	04B4	R/W	1	CH2 Stop MV
175	42204	089C	R/W	1	CH3 Stop MV
176	43204	0C84	R/W	1	CH4 Stop MV
177	30104	0068	R	10	Model Name
178	40300	012C	R/W	1	Baudrate
179	40301	012D	R/W	1	Parity Bit
180	40302	012E	R/W	1	Stop Bit

181	40303	012F	R/W	1	Response Waiting Time
182	40304	0130	R/W	1	Communication Write
183	40305	0131	R/W	1	Parameter Initialize
184	31000	03E8	R	3	CH1 Present Value
185	31001	03E9	R	1	CH1 Dot
186	31002	03EA	R	1	CH1 Unit
187	31003	03EB	R	3	CH1 Set Value
188	31004	03EC	R	1	CH1 Heating_MV Monitoring
189	31005	03ED	R	1	CH1 Cooling_MV Monitoring
190	31006	03EE	R	3	CH2 Present Value
191	31007	03EF	R	1	CH2 Dot
192	31008	03F0	R	1	CH2 Unit
193	31009	03F1	R	3	CH2 Set Value
194	31010	03F2	R	1	CH2 Heating_MV Monitoring
195	31011	03F3	R	1	CH2 Cooling_MV Monitoring
196	31012	03F4	R	3	CH3 Present Value
197	31013	03F5	R	1	CH3 Dot
198	31014	03F6	R	1	CH3 Unit
199	31015	03F7	R	3	CH3 Set Value
200	31016	03F8	R	1	CH3 Heating_MV Monitoring
201	31017	03F9	R	1	CH3 Cooling_MV Monitoring
202	31018	03FA	R	3	CH4 Present Value
203	31019	03FB	R	1	CH4 Dot
204	31020	03FC	R	1	CH4 Unit
205	31021	03FD	R	3	CH4 Set Value
206	31022	03FE	R	1	CH4 Heating_MV Monitoring
207	31023	03FF	R	1	CH4 Cooling_MV Monitoring
208	31024	0400	R(bit 0)	1	CH1 Out
209	31024	0400	R(bit 1)	1	CH2 Out
210	31024	0400	R(bit 2)	1	CH3 Out
211	31024	0400	R(bit 3)	1	CH4 Out
					Total Num : 211