RESOL Modbus/TCP Configuration

Filename: Oventrop_Regtronic_RH_ModbusConfig_1.0.1.cbor
ID: Oventrop_Regtronic_RH
Version: 1.0.1
Build at: 2020-11-12 11:40

Coils (Type 0)

No values defined!

Discrete Inputs (Type 1)

Address	Description	Factor	Unit
0	Error: Sensor	1	
1	Error: Module	1	
2	Error: RTC	1	

Input Registers (Type 3)

Address	Description	Factor	Unit
0	Temperature sensor 1	0.1	°C
1	Temperature sensor 2	0.1	°C
2	Temperature sensor 3	0.1	°C
3	Temperature sensor 4	0.1	°C
4	Temperature sensor 5	0.1	°C
5	Temperature sensor 6	0.1	°C
6	Temperature sensor 7	0.1	°C
7	Temperature sensor 8	0.1	°C
8	Temperature sensor 9	0.1	°C
9	Temperature sensor ZA	0.1	°C
10	Temperature sensor Gd1	0.1	°C
11	Temperature sensor Gd2	0.1	°C
12	Flow rate sensor Imp1 (bits 16..31)	1	l/h
13	Flow rate sensor Imp1 (bits 0..15)	1	l/h
14	Flow rate sensor Gd1 (bits 16..31)	1	l/h
15	Flow rate sensor Gd1 (bits 0..15)	1	l/h
16	Flow rate sensor Gd2 (bits 16..31)	1	l/h
17	Flow rate sensor Gd2 (bits 0..15)	1	l/h
18	Pressure sensor Gd1	0.01	bar
19	Pressure sensor Gd2	0.01	bar
20	Pump speed relay 1	1	%
21	Pump speed relay 2	1	%
22	Pump speed relay 3	1	%
23	Pump speed relay 4	1	%
24	Pump speed relay 5	1	%
25	Pump speed relay 6	1	%
26	Pump speed relay 7	1	%
27	Controller output 1	1	%
28	Controller output 2	1	%
31	Error mask (bits 16..31)	1	
32	Error mask (bits 0..15)	1	
35	Heating circuit #1 TflowSet	0.1	°C
36	Heating circuit #1 Operating state	1	
37	Heating circuit #1 Op. mode	1	
38	Heating circuit #1 Boiler starts (bits 16..31)	1	
39	Heating circuit #1 Boiler starts (bits 0..15)	1	
40	Heating circuit #1 TOutdoor	0.1	°C
41	Heating circuit #2 TflowSet	0.1	°C
42	Heating circuit #2 Operating state	1	

Input Registers (Type 3) cont.

Address	Description	Factor	Unit
43	Heating circuit #2 Op. mode	1	
44	Heating circuit #2 Boiler starts (bits 16..31)	1	
45	Heating circuit #2 Boiler starts (bits 0..15)	1	
46	Heating circuit #2 TOutdoor	0.1	°C
47	Heating circuit #3 TflowSet	0.1	°C
48	Heating circuit #3 Operating state	1	
49	Heating circuit #3 Op. mode	1	
50	Heating circuit #3 Boiler starts (bits 16..31)	1	
51	Heating circuit #3 Boiler starts (bits 0..15)	1	
52	Heating circuit #3 TOutdoor	0.1	°C
53	Heating circuit #4 TflowSet	0.1	°C
54	Heating circuit #4 Operating state	1	
55	Heating circuit #4 Op. mode	1	
56	Heating circuit #4 Boiler starts (bits 16..31)	1	
57	Heating circuit #4 Boiler starts (bits 0..15)	1	
58	Heating circuit #4 TOutdoor	0.1	°C
59	Heating circuit #5 TflowSet	0.1	°C
60	Heating circuit #5 Operating state	1	
61	Heating circuit #5 Op. mode	1	
62	Heating circuit #5 Boiler starts (bits 16..31)	1	
63	Heating circuit #5 Boiler starts (bits 0..15)	1	
64	Heating circuit #5 TOutdoor	0.1	°C
65	Heating circuit #6 TflowSet	0.1	°C
66	Heating circuit #6 Operating state	1	
67	Heating circuit #6 Op. mode	1	
68	Heating circuit #6 Boiler starts (bits 16..31)	1	
69	Heating circuit #6 Boiler starts (bits 0..15)	1	
70	Heating circuit #6 TOutdoor	0.1	°C
71	Heating circuit #7 TflowSet	0.1	°C
72	Heating circuit #7 Operating state	1	
73	Heating circuit #7 Op. mode	1	
74	Heating circuit #7 Boiler starts (bits 16..31)	1	
75	Heating circuit #7 Boiler starts (bits 0..15)	1	
76	Heating circuit #7 TOutdoor	0.1	°C
77	HQM #1 Value (bits 16..31)	1	Wh
78	HQM #1 Value (bits 0..15)	1	Wh
79	HQM #1 Power (bits 16..31)	1	W
80	HQM #1 Power (bits 0..15)	1	W
81	HQM #1 ValueToday (bits 16..31)	1	Wh

Input Registers (Type 3) cont.

Address	Description	Factor	Unit
82	HQM #1 ValueToday (bits 0..15)	1	Wh
83	HQM #1 ValueWeek (bits 16..31)	1	Wh
84	HQM #1 ValueWeek (bits 0..15)	1	Wh
85	HQM #2 Value (bits 16..31)	1	Wh
86	HQM #2 Value (bits 0..15)	1	Wh
87	HQM #2 Power (bits 16..31)	1	W
88	HQM #2 Power (bits 0..15)	1	W
89	HQM #2 ValueToday (bits 16..31)	1	Wh
90	HQM #2 ValueToday (bits 0..15)	1	Wh
91	HQM #2 ValueWeek (bits 16..31)	1	Wh
92	HQM #2 ValueWeek (bits 0..15)	1	Wh
93	HQM #3 Value (bits 16..31)	1	Wh
94	HQM #3 Value (bits 0..15)	1	Wh
95	HQM #3 Power (bits 16..31)	1	W
96	HQM #3 Power (bits 0..15)	1	W
97	HQM #3 ValueToday (bits 16..31)	1	Wh
98	HQM #3 ValueToday (bits 0..15)	1	Wh
99	HQM #3 ValueWeek (bits 16..31)	1	Wh
100	HQM #3 ValueWeek (bits 0..15)	1	Wh
101	HQM #4 Value (bits 16..31)	1	Wh
102	HQM #4 Value (bits 0..15)	1	Wh
103	HQM #4 Power (bits 16..31)	1	W
104	HQM #4 Power (bits 0..15)	1	W
105	HQM #4 ValueToday (bits 16..31)	1	Wh
106	HQM #4 ValueToday (bits 0..15)	1	Wh
107	HQM #4 ValueWeek (bits 16..31)	1	Wh
108	HQM #4 ValueWeek (bits 0..15)	1	Wh
109	HQM #5 Value (bits 16..31)	1	Wh
110	HQM #5 Value (bits 0..15)	1	Wh
111	HQM #5 Power (bits 16..31)	1	W
112	HQM #5 Power (bits 0..15)	1	W
113	HQM #5 ValueToday (bits 16..31)	1	Wh
114	HQM #5 ValueToday (bits 0..15)	1	Wh
115	HQM #5 ValueWeek (bits 16..31)	1	Wh
116	HQM #5 ValueWeek (bits 0..15)	1	Wh
117	Module #1 Sensor 1	0.1	°C
118	Module #1 Sensor 2	0.1	°C
119	Module #1 Sensor 3	0.1	°C
120	Module #1 Sensor 4	0.1	°C

Input Registers (Type 3) cont.

Address	Description	Factor	Unit
121	Module #1 Sensor 5	0.1	°C
122	Module #1 Sensor 6	0.1	°C
123	Module #1 Pump speed relay 1	1	%
124	Module #1 Pump speed relay 2	1	%
125	Module #1 Pump speed relay 3	1	%
126	Module #1 Pump speed relay 4	1	%
127	Module #1 Pump speed relay 5	1	%
128	Module #2 Sensor 1	0.1	°C
129	Module #2 Sensor 2	0.1	°C
130	Module #2 Sensor 3	0.1	°C
131	Module #2 Sensor 4	0.1	°C
132	Module #2 Sensor 5	0.1	°C
133	Module #2 Sensor 6	0.1	°C
134	Module #2 Pump speed relay 1	1	%
135	Module #2 Pump speed relay 2	1	%
136	Module #2 Pump speed relay 3	1	%
137	Module #2 Pump speed relay 4	1	%
138	Module #2 Pump speed relay 5	1	%
139	Module #3 Sensor 1	0.1	°C
140	Module #3 Sensor 2	0.1	°C
141	Module #3 Sensor 3	0.1	°C
142	Module #3 Sensor 4	0.1	°C
143	Module #3 Sensor 5	0.1	°C
144	Module #3 Sensor 6	0.1	°C
145	Module #3 Pump speed relay 1	1	%
146	Module #3 Pump speed relay 2	1	%
147	Module #3 Pump speed relay 3	1	%
148	Module #3 Pump speed relay 4	1	%
149	Module #3 Pump speed relay 5	1	%
150	Module #4 Sensor 1	0.1	°C
151	Module #4 Sensor 2	0.1	°C
152	Module #4 Sensor 3	0.1	°C
153	Module #4 Sensor 4	0.1	°C
154	Module #4 Sensor 5	0.1	°C
155	Module #4 Sensor 6	0.1	°C
156	Module #4 Pump speed relay 1	1	%
157	Module #4 Pump speed relay 2	1	%
158	Module #4 Pump speed relay 3	1	%
159	Module #4 Pump speed relay 4	1	%

Input Registers (Type 3) cont.

Address	Description	Factor	Unit
160	Module #4 Pump speed relay 5	1	%
161	Module #5 Sensor 1	0.1	°C
162	Module #5 Sensor 2	0.1	°C
163	Module #5 Sensor 3	0.1	°C
164	Module #5 Sensor 4	0.1	°C
165	Module #5 Sensor 5	0.1	°C
166	Module #5 Sensor 6	0.1	°C
167	Module #5 Pump speed relay 1	1	%
168	Module #5 Pump speed relay 2	1	%
169	Module #5 Pump speed relay 3	1	%
170	Module #5 Pump speed relay 4	1	%
171	Module #5 Pump speed relay 5	1	%

Holding Registers (Type 4)

Address	Description	Factor	Unit
0	Heating circuit 1 curve	0.1	
1	Heating circuit 2 curve	0.1	
2	Heating circuit 3 curve	0.1	
3	Heating circuit 4 curve	0.1	
4	Heating circuit 5 curve	0.1	
5	Heating circuit 6 curve	0.1	
6	Heating circuit 7 curve	0.1	
7	Heating circuit 1 day corr.	0.1	K
8	Heating circuit 2 day corr.	0.1	K
9	Heating circuit 3 day corr.	0.1	K
10	Heating circuit 4 day corr.	0.1	K
11	Heating circuit 5 day corr.	0.1	K
12	Heating circuit 6 day corr.	0.1	K
13	Heating circuit 7 day corr.	0.1	K
14	Heating circuit 1 night corr.	0.1	K
15	Heating circuit 2 night corr.	0.1	K
16	Heating circuit 3 night corr.	0.1	K
17	Heating circuit 4 night corr.	0.1	K
18	Heating circuit 5 night corr.	0.1	K
19	Heating circuit 6 night corr.	0.1	K
20	Heating circuit 7 night corr.	0.1	K
21	Heating circuit 1 mode	-	
22	Heating circuit 2 mode	-	
23	Heating circuit 3 mode	-	
24	Heating circuit 4 mode	-	
25	Heating circuit 5 mode	-	
26	Heating circuit 6 mode	-	
27	Heating circuit 7 mode	-	