

Alarmlist, OJ-Air2 SW 2.68

Alarm-number	Alarm type	Alarm-delay sec.	Offset	Auto reset	Anlæg stop	Remarks
1	A	3	N/A			Fire alarm from external fire monitor
2	A	3	N/A		X	Fire thermostat or smoke detector
3	A	3	N/A		X	Internal fire
4	B	3	N/A	X	X	System stopped by ext. stop input
7	A	3	N/A	X	X	Communication fault to inlet EC controller
8	A	3	N/A	X	X	Communication fault to extract EC Controller
9	B	1200	N/A	X		Filter calibration not performed
10	B	3	N/A	X		No communication with hand terminal
11	A	3	N/A	X	X	Communication fault to FanIO in inlet
12	A	3	N/A	X	X	Communication fault to fan IO in extract
13	A	3	N/A	X	X	Communication fault to extension module 1
14	A	3	N/A	X	X	Communication fault to extension module 2
15	B	3	N/A	X		Communication fault to LON module
16	A	3	N/A	X	X	Communication fault to inlet frequency converter
17	A	3	N/A	X	X	Communication fault to extract frequency converter
18	A	3	N/A	X	X	Communication fault to rotary exchanger (RHX2M)
19	A	3	N/A	X	X	Communication fault to PTH above rotary exchanger
20	A	10	N/A	X	X	Inlet sensor, sensor fault
21	A	10	N/A	X	X	Extract sensor, sensor fault
22	A	10	N/A	X	X	Room sensor, sensor fault
23	A	10	N/A	X	X	Exhaust sensor, sensor fault
24	A	10	N/A	X	X	Outdoor sensor, sensor fault
25	A	10	N/A	X	X	Return sensor in heating element, water battery; sensor fault
26	A	10	N/A	X	X	Return sensor in fluid-coupled recovery battery; sensor fault
27	A	10	N/A		X	Alarm from circ. pump in heating element
28	A	3	N/A		X	Frost alarm from heating element; water battery
30	A	3	N/A		X	Alarm from frequency converter inlet, undervoltage
31	A	3	N/A		X	Alarm from frequency converter inlet, overvoltage
32	A	3	N/A		X	Alarm from frequency converter inlet, overcurrent
33	A	3	N/A		X	Alarm from frequency converter inlet, overheating
34	A	3	N/A		X	Alarm from frequency converter inlet, phase fault/phase drop-out
35	B	3	N/A			Alarm from frequency converter inlet, high ripple voltage
37	A	3	N/A		X	Alarm from inlet fan
38	B	600	N/A			Filter alarm; inlet filter
39	A	10	N/A		X	FanIO 1; overloaded; overcurrent; undervoltage
40	A	3	N/A		X	Alarm from frequency converter extract, undervoltage
41	A	3	N/A		X	Alarm from frequency converter extract, overvoltage
42	A	3	N/A		X	Alarm from frequency converter extract, overcurrent
43	A	3	N/A		X	Alarm from frequency converter extract, overheating
44	A	3	N/A		X	Alarm from frequency converter extract, phase fault/phase drop-out
45	B	3	N/A			Alarm from frequency converter extract, high ripple voltage
47	A	3	N/A		X	Alarm from extract fan
48	B	600	N/A			Filter alarm; extract filter
49	A	10	N/A		X	FanIO 2; overloaded; overcurrent; undervoltage
50	B	3	N/A			Alarm from rotary exchanger
51	B	3	N/A			Rotary heat exchanger (RHX2M) undervoltage
52	B	3	N/A			Rotary heat exchanger (RHX2M) overvoltage
53	B	3	N/A			Rotary heat exchanger (RHX2M) overcurrent
54	B	3	N/A			Rotary heat exchanger (RHX2M) overheating
55	B	3	N/A			Rotary heat exchanger (RHX2M) torque overload
58	A	300	N/A		X	Rotary heat exchanger (RHX2M) insufficient recovery temperature
59	A	600	N/A		X	Alarm for low temperature from fluid-coupled battery
60	A	600	SP-5°C		X	Low inlet temperature
61	B	600	SP+5°C			High inlet temperature
62	B	1200	SP-5°C			Low extract temperature
63	B	1200	SP+5°C			High extract temperature
65	B	300	N/A	X		Electric heating battery, output reduction
66	B	3	N/A			Electric heating battery, overheating
68	B	3	N/A			Electric heating battery, contactor sticking
70	B	1200	N/A	X		Alarm for high CO2
71	A	600	SP-10%		X	Alarm for low inlet flow (m3/h)
72	A	600	SP+10%		X	Alarm for high inlet flow (m3/h)
73	A	600	SP-10%		X	Alarm for low extract flow (m3/h)
74	A	600	SP+10%		X	Alarm for high extract flow (m3/h)
75	B	600	SP-10%			Alarm for low pressure in inlet duct
76	A	600	SP+10%		X	Alarm for high pressure in inlet duct
77	B	600	SP-10%			Alarm for low pressure in extract duct
78	A	600	SP+10%		X	Alarm for high pressure in extract duct
80	B	3	N/A			Alarm; cooling fault
81	B	3	N/A			Alarm low pressure; cooling circuit 1; DX low pressure 1
82	B	3	N/A			Alarm high pressure; cooling circuit 1; DX high pressure 1
83	B	3	N/A			Alarm DX compressor 1; cooling circuit 1; Cooling fault 1
84	B	3	N/A			Alarm DX compressor 2; cooling circuit 1; Cooling fault 2
85	B	3	N/A			Alarm low pressure; cooling circuit 2; DX low pressure 2
86	B	3	N/A			Alarm high pressure; cooling circuit 2; DX low pressure 2
87	B	3	N/A			Alarm DX compressor 1; cooling circuit 2; Cooling fault 3
88	B	3	N/A			Alarm DX compressor 2; cooling circuit 2; Cooling fault 4

Alarmlist, OJ-Air2 SW 2.68



Alarm-number	Alarm type	Alarm-delay sec.	Offset	Auto reset	Anlæg stop	Remarks
90	B	3	N/A			Alarm low pressure; sensor fault; DX low pressure 1
91	B	3	N/A			Alarm high pressure; sensor fault; DX high pressure 1
92	B	3	N/A			Alarm low pressure; sensor fault; DX low pressure 2
93	B	3	N/A			Alarm high pressure; sensor fault; DX high pressure 2
94	B	3	N/A	X		Alarm for non-configured CO2 sensor
95	B	3	N/A	X		Fan optimizer inlet not configured
96	B	3	N/A	X		Fan optimizer extract not configured
100	A	3	N/A	X	X	PTH-6202 with address 0; no communication
101	A	3	N/A	X	X	PTH-6202 with address 1; no communication
103	A	3	N/A	X	X	PTH-6202 with address 2; no communication
104	A	3	N/A	X	X	PTH-6202 with address 4; no communication
105	A	3	N/A	X	X	PTH-6202 with address 5; no communication
106	A	3	N/A	X	X	PTH-6202 with address 6; no communication
107	A	3	N/A	X	X	PTH-6202 with address 7; no communication
108	A	3	N/A	X		Communication fault EXT45 module 1
109	A	3	N/A	X		Communication fault EXT45 module 2
111	B	3	N/A	X		Communication fault pressure transmitter in inlet duct
112	B	3	N/A	X		Communication fault pressure transmitter in extract duct
113	B	3	N/A	X		Defective CO2 sensor
115	A	3	N/A		X	Alarm from EC Controller inlet, stop
116	A	3	N/A		X	Alarm from EC Controller inlet, rotor blocked
117	B	3	N/A			Alarm from EC Controller inlet, overcurrent
118	B	3	N/A			Alarm from EC Controller inlet, undervoltage
119	B	3	N/A			Alarm from EC Controller inlet, overvoltage
120	B	3	N/A			Alarm from EC Controller inlet Overheating
121	B	3	N/A			Alarm from EC Controller inlet High ripple
122	A	3	N/A		X	Alarm from EC Controller extract Stop
123	A	3	N/A		X	Alarm from EC Controller extract, rotor blocked
124	B	3	N/A			Alarm from EC Controller extract, overcurrent
125	B	3	N/A			Alarm from EC Controller extract, undervoltage
126	B	3	N/A			Alarm from EC Controller extract, overvoltage
127	B	3	N/A			Alarm from EC Controller extract, overheating
128	B	3	N/A			Alarm from EC Controller extract, high ripple
129	B	3	N/A			Alarm from EC Controller inlet, phase fault/phase drop-out
130	B	3	N/A			Alarm from EC Controller extract, phase fault/phase drop-out
131	A	3		X	X	Communication error on FanIO21 in the supply air
132	A	3		X	X	Communication error on FanIO21 in the exhaust air
133	A	3		X	X	Communication error on Direct Modbus damper actuator - Supply air
134	A	3		X	X	Communication error on Direct Modbus damper actuator - Exhaust air
135	A	3		X	X	Communication error on Direct Modbus damper actuator - Recirculation
136	A	3		X	X	Communication error on Direct Modbus damper actuator - Exchanger/Bypass
137	A	3		X	X	Communication error on Direct Modbus damper actuator - Drying damper
141	A	3		X	X	Communication error on Direct Modbus valve actuator - Heating valve 1
142	A	3		X	X	Communication error on Direct Modbus valve actuator - Cooling valve
143	A	3		X	X	Communication error on Direct Modbus valve actuator - Heating valve 2
144	A	3		X	X	Communication error on Direct Modbus valve actuator - Fluid coupling
145	A	3		X	X	Communication error on Direct Modbus valve actuator - Preheater
146	A	3		X	X	Communication error on Direct Modbus valve actuator - Combi battery
149	B	10		X		Position error on Direct Modbus damper actuator - Supply air
150	B	10		X		Position error on Direct Modbus damper actuator - Exhaust
151	B	10		X		Position error on Direct Modbus damper actuator - Recirculation
152	B	10		X		Position error on Direct Modbus damper actuator - Exchanger/Bypass
153	B	10		X		Position error on Direct Modbus damper actuator - Drying damper
157	B	10		X		Position error on Direct Modbus valve actuator - Heating valve 1
158	B	10		X		Position error on Direct Modbus valve actuator - Cooling valve
159	B	10		X		Position error on Direct Modbus valve actuator - Heating valve 2
160	B	10		X		Position error on Direct Modbus valve actuator - Valve fluid coupling
161	B	10		X		Position error on Direct Modbus valve actuator - Preheater
162	B	10		X		Position error on Direct Modbus valve actuator - Combi battery
166	B	360	N/A			Fire damper not closed
167	B	360	N/A			Fire damper not open
168	B	300	N/A	X		Electric heating battery 2, output reduction
169	B	3	N/A			Electric heating battery 2, overheating
170	B	3	N/A			Electric heating battery 2, contactor sticking
171	A	10	N/A	X	X	Sensor fault; Return sensor in heating element 2, water battery 2
172	A	10	N/A		X	Alarm from circ. pump in heating element 2
173	A	3	N/A		X	Frost alarm from heating element 2; water battery 2
174	A	10	N/A	X	X	Sensor fault; Return sensor in multi-purpose battery, heating
175	A	10	N/A		X	Alarm from circ. pump in multi-purpose battery
176	A	3	N/A		X	Frost alarm from multi-purpose battery; heating step
177	A	3	N/A		X	Frost alarm from multi-purpose battery; cooling step
178	B	3	N/A			Sensor fault; rotary heat exchanger; third-party product
179	B	10	N/A	X		Sensor fault; Air sensor in heat pump
180	B	3	N/A		X	Frostalarm from the digital frosttermostat, varmebatteri
185	B	10	N/A		X	FanIO21_1; overload; over current; under voltage
186	A	10	N/A		X	FanIO21_2; overload; over current; under voltage
194	A	10	N/A	X	X	Communication error HTH-6202, humidity- & temperaturesensor
195	B	10	N/A	X	X	Communication error HTH-6203, humidity- & temperaturesensor

Alarmlist, OJ-Air2 SW 2.68

Alarm-nummer	Alarm type	Alarm-delay sec.	Offset	Auto reset	Anlæg stop	Remarks
196	B	10	N/A	X	X	Configuration error, humidifier e.g. no config. of humidity sensor
197	B	10	N/A	X	X	Alarm from humidifier; digital input
198	B	1200	N/A	X	X	Alarm, high humidity in inlet/supply air
199	B	1200	N/A	X	X	Alarm, low humidity in inlet/supply air
200	B	1200	N/A	X	X	Alarm, high humidity in extract/exhaust air
201	B	1200	N/A	X	X	Alarm, low humidity in extract/exhaust air
202	B	10	N/A	X		Sensor fault; Supply sensor on the water cooling battery
203	A	3	N/A	X	X	Communication error EXT-modul no. 3
204	A	3	N/A	X	X	Communication error EXT-modul no. 4
205	A	3	N/A	X	X	Communication error EXT-modul no. 5
206	A	3	N/A	X	X	Communication error EXT-modul no. 6
207	A	3	N/A	X	X	Communication error EXT-modul no. 7
208	B	3	N/A	X		Communication error; Thermokon roompanel
209	B	3	N/A	X		Communication error; VOC sensor
210	B	600	N/A	X		Alarm high VOC alarmlimit
211	B	10	N/A	X		Communication error HTH-6204, humidity- and temperature sensor
212	B	10	N/A	X		Sensor fault; Dewpoint sensor
213	B	300	N/A	X		Alarm; Low efficiency on the heatexchanger
214	A	3	N/A	X	X	Communication error EXT-modul no. 8
215	B	30	N/A	X		Electric heating pre-heater, contactor sticking
216	B	30	N/A	X		Electric heating pre-heater,, overheating
217	A	10	N/A	X	X	Sensor fault; return sensor in the water pre-heater
218	A	10	N/A		X	Alarm from the circulation pump of the per-heater
219	A	3	N/A		X	Frostalarm from the pre-heater; water battery
220	A	10	N/A	X	X	Sensor fault; Supply air temperature sensor of the pre-heater
221	B	300	N/A	X		Electric heating pre-heater, output reduction
222	B	300		X		Heat exchanger; Alarm low efficiency
227	A	3			X	Frostalarm; Heat exchanger; Fluid coupling

N/A=Not actual