

**SIEMENS**

OC1600

*Central Unit*

01  
02  
50

Time of Day
Date
Error

rw

Diagnostic

03  
04  
06  
09  
60

SW Version
LPB Communication Version
Serial Number
Configuration Version OCI600
Status Modem Communication

W

Installation

01

02

05

07

08

11

12

Time of Day

Date

LPB Address (Seg/Dev)

Bus Power Supply

0 = off  
1 = on

Baudrate

1 = 1200 4 = 9600

RS-232

2 = 2400  
3 = 4800

Communication

0 = Minitel local

RS-232

1 = Modem  
2 = PC local no alarms  
3 = PC local with alarms

Memory Card

0 = Normal  
1 = Load

### **Error Codes**

**10-79 Sensor errors**

**10-19 Outdoor sensors**

10 Outside temperature, sensor error

11 Solar sensor, error

12 Wind sensor, error

**20-29 Boiler sensors and sensors located close to the boiler**

20 Boiler temperature 1, sensor error

22 Boiler temperature 2, sensor error

25 Boiler temperature, wood, sensor error

26 Common flow temperature, sensor error

28 Flue gas temperature, sensor error

**30-39 Flow sensors and other sensors**

30 Flow temperature 1, sensor error

32 Flow temperature 2, sensor error

33 Flow temperature, heat pump, sensor error

34 Condenser sensor, heat pump, error

35 Source inlet temperature, sensor error

36 Hot-gas temperature compressor 1, sensor error

37 Hot-gas temperature compressor 2, sensor error

**40-49 Return sensors and other sensors**

40 Return temperature 1, sensor error

42 Return temperature 2, sensor error

### **Error Codes**

- 43 Return temperature, wood, sensor error
- 44 Return temperature, heat pump, sensor error
- 45 Source outlet temperature, sensor error
- 46 Cascade return temperature, sensor error
- 47 Common return temperature, sensor error
- 48 Refrigerant temperature, liquid, sensor error

#### **50-59 DHW sensors**

- 50 DHW temperature / thermostat 1, error
- 52 DHW temperature / thermostat 2, error
- 54 DHW flow temperature, sensor error
- 55 Storage tank 2, DHW temperature / thermostat 1, error
- 56 Storage tank 2, DHW temperature / thermostat 2, error
- 57 DHW circulation sensor, error
- 58 DHW thermostat, error

#### **60-69 Room sensors, room unit**

- 60 Room temperature 1, sensor error
- 61 Room unit 1, error
- 62 Wrong room unit 1 / wrong radio clock module
- 64 Room unit 1 (PPS), open-circuit
- 65 Room temperature 2, sensor error
- 66 Room unit 2, error
- 67 Room unit 2, wrong type

### **Error Codes**

68	Room temperature 3, sensor error
69	Room unit 2 (PPS), open-circuit
<b>70-79</b>	<b>Various special sensors</b>
70	Storage tank temperature 1 (top), sensor error
71	Storage tank temperature 2 (bottom), sensor error
72	Storage tank temperature 3 (middle), sensor error
73	Collector temperature 1, sensor error
74	Collector temperature 2, sensor error
75	Bypass temperature, sensor error
76	Special sensor 1, error
77	Air pressure, sensor error
78	Water pressure, sensor error
79	Brine temperature, sensor error
<b>80-89</b>	<b>Communication errors</b>
80	LPB, no communication
81	LPB, short-circuit or no bus power supply
82	LPB, address collision
83	BSB wire, short-circuit
84	BSB wire, address collision
85	BSB radio, communication error
86	PPS, short-circuit
87	PPS 2, short-circuit

### **Error Codes**

88	PPS, no communication
89	Modem, no communication
<b>90-99</b>	<b>Device errors</b>
90	Data loss in RAM
91	Data loss in EEPROM
92	Electronics fault in device
93	Change battery
94	Change battery of memory card
95	Time of day invalid
98	Extension module 1, error
99	Extension module 2, error
<b>100-105</b>	<b>System errors / miscellaneous</b>
100	2 clock time masters
101	Clock time source, wrong setting
102	Clock time master without power reserve
105	Maintenance alarm
<b>106-139</b>	<b>Process errors</b>
106	Source temperature too low
107	Error hot-gas compressor 1
108	Error hot-gas compressor 2
109	Boiler temperature supervision, error
110	Safety limit thermostat (SLT), lockout



### **Error Codes**

111	Thermal reset limit thermostat, safety shutdown
112	Flue gas SLT, lockout
113	Flue gas supervision, safety shutdown
114	Flue gas thermostat has cut out
115	Flue gas sensor has responded
116	Flue gas sensor has shut down
117	Water pressure too high
118	Water pressure too low
119	Water pressure switch has cut out
120	Flow temperature precontrol not reached
121	Flow temperature heating circuit 1 not reached
122	Flow temperature heating circuit 2 not reached
123	Flow temperature DHW not reached
124	Boiler temperature not reached
125	Maximum boiler temperature exceeded
126	DHW charging temperature not reached
127	Legionella temperature not reached
128	Loss of flame in operation
129	Wrong air supply
130	Flue gas temperature limit exceeded
131	Burner error
132	Gas pressure switch safety shutdown

### **Error Codes**

- 133 Safety time for establishment of flame exceeded
- 134 Common error heat pump
- 135 Brine circuit, error
- 136 Refrigeration circuit heat pump pressure, error
- 137 Operation checkback signal heat pump missing
- 138 Control sensor heat pump missing

#### **140-149 Configuration errors**

- 140 LPB, address invalid
- 141 LPB, configuration not consistent
- 142 Partner unit on LPB missing
- 145 PPS device, wrong type
- 146 Sensor / actuator configuration error
- 147 No BMU connected
- 148 Incompatibility LPB interface / basic unit
- 149 Freely programmable function, configuration error

#### **150-199 Various device-specific errors**

- 150 General BMU error
- 151 Internal BMU error
- 152 Parameter setting error
- 153 Device has locked out
- 154 Plausibility criterion violated
- 155 Remote reset locked

## **Error Codes**

### **160-179 External components**

- 160 Fan speed threshold not reached
- 161 Maximum fan speed exceeded
- 162 Refer to User Manual of the device causing the error
- 163 Modulation valve, error
- 164 Flow / pressure switch heating circuit, error
- 165 Priority changeover does not work
- 166 Air pressure switch does not open
- 167 Heating output limits violated
- 168 Communication timeout with control of burner
- 171 Alarm contact 1 active
- 172 Alarm contact 2 active
- 173 Alarm contact 3 active
- 174 Alarm contact 4 active
- 175 Fault output freely programmable function active
- 176 Water pressure 2 too high
- 177 Water pressure 2 too low

### **180-199 Special functions are active, various errors**

- 180 Refer to User Manual of the device causing the error
- 181 Refer to User Manual of the device causing the error
- 182 Refer to User Manual of the device causing the error
- 183 Refer to User Manual of the device causing the error

### **Error Codes**

184	Refer to User Manual of the device causing the error
185	Refer to User Manual of the device causing the error
190	Refer to User Manual of the device causing the error
191	Refer to User Manual of the device causing the error
192	Refer to User Manual of the device causing the error
<b>200-221</b>	<b>Error messages "Non-ALBATROS devices"</b>
200	Fire / smoke alarm
201	Frost alarm
202	Supply air temperature, sensor error
203	Flow error
204	Fan error (overload)
205	Pump / electrical error (overload)
206	Chiller error (overload)
210	SYNERGYR, error message
211	Wood-fired boiler, error
220	Alarm AUX1
221	Alarm AUX2
222	High-pressure with heat pump operation
223	High-pressure when starting heating circuit
224	High-pressure when starting DHW charging
225	Low-pressure
226	Winding protection compressor 1

### **Error Codes**

227 Winding protection compressor 2

228 Flow switch heat source

229 Pressure switch heat source

230 Thermal relay source pump

#### **231-239 Sensor errors of "sensors without special functions"**

231 B101 sensor error

232 B102 sensor error

233 B103 sensor error

234 B104 sensor error

235 B105 sensor error

236 B106 sensor error

237 B107 sensor error

238 B108 sensor error

239 B109 sensor error

241 Flow sensor for yield measurement, error

242 Return sensor for yield measurement, error

243 Swimming pool sensor, error







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**Status Modem Communication**

0		No communication
2	OK	Everything ok
3	FCON	Connection with fax
4	FHNG	Interruption with fax
5	ERROR	Fault
6	RING	Incoming call
7	RINGING	Outgoing call
8	BUSY	Modem is busy
9	NO CARRIER	No carrier signal
10	NO DIALTONE	No dial tone
11	CONNECT	Connection
12	CONNECT 1200	Connection 1200
13	CONNECT 2400	Connection 2400
14	CONNECT 1200/75	Connection 1200/75
15	CONNECT 75/1200	Connection 75/1200
16	CONNECT 1200/V.23	Connection 1200/V.23
17	CONNECT 9600	Connection 9600

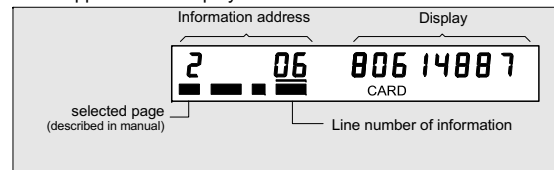
## Quick Info

### Calling up information

- 1 Press the button  on the left.
- 2 Press the button  or  to select the required page number, e.g. page 2 = Diagnostic.
- 3 Press the button  to select the page, meter or line number.
- 4 Press the button  or  to readjust the value.

Non-available data appear in the display as — —.

Example:



### Setting the values

Adjustable values can be changed by pressing the buttons on the right.  
Non-adjustable values are shown highlighted on the cards.