



# Lindab **Pro Brandautomatik**

Pro-M Modbus register

Version 01 – September 2020



<b>Addr</b>	<b>EXOL Variable</b>	<b>Description</b>
0	Settings.FuncTestRequest	Request Function test (whole system)
1	Settings.SEF_FuncTestRequest	Request function test on SEF
2	Settings.DamperFuncTestReq(1)	Function test on individual damper, damper 1
3	Settings.DamperFuncTestReq(2)	Function test on individual damper, damper 2
4	Settings.DamperFuncTestReq(3)	Function test on individual damper, damper 3
5	Settings.DamperFuncTestReq(4)	Function test on individual damper, damper 4
6	Settings.DamperFuncTestReq(5)	Function test on individual damper, damper 5
7	Settings.DamperFuncTestReq(6)	Function test on individual damper, damper 6
8	Settings.DamperFuncTestReq(7)	Function test on individual damper, damper 7
9	Settings.DamperFuncTestReq(8)	Function test on individual damper, damper 8
10	Settings.DamperFuncTestReq(9)	Function test on individual damper, damper 9
11	Settings.DamperFuncTestReq(10)	Function test on individual damper, damper 10
12	Settings.DamperFuncTestReq(11)	Function test on individual damper, damper 11
13	Settings.DamperFuncTestReq(12)	Function test on individual damper, damper 12
14	Settings.DamperFuncTestReq(13)	Function test on individual damper, damper 13
15	Settings.DamperFuncTestReq(14)	Function test on individual damper, damper 14
16	Settings.DamperFuncTestReq(15)	Function test on individual damper, damper 15
17	Settings.DamperFuncTestReq(16)	Function test on individual damper, damper 16
18	Settings.DamperFuncTestReq(17)	Function test on individual damper, damper 17
19	Settings.DamperFuncTestReq(18)	Function test on individual damper, damper 18
20	Settings.DamperFuncTestReq(19)	Function test on individual damper, damper 19
21	Settings.DamperFuncTestReq(20)	Function test on individual damper, damper 20
22	Settings.DamperFuncTestReq(21)	Function test on individual damper, damper 21
23	Settings.DamperFuncTestReq(22)	Function test on individual damper, damper 22
24	Settings.DamperFuncTestReq(23)	Function test on individual damper, damper 23
25	Settings.DamperFuncTestReq(24)	Function test on individual damper, damper 24
26	Settings.DamperFuncTestReq(25)	Function test on individual damper, damper 25
27	Settings.DamperFuncTestReq(26)	Function test on individual damper, damper 26
28	Settings.DamperFuncTestReq(27)	Function test on individual damper, damper 27
29	Settings.DamperFuncTestReq(28)	Function test on individual damper, damper 28
30	Settings.DamperFuncTestReq(29)	Function test on individual damper, damper 29
31	Settings.DamperFuncTestReq(30)	Function test on individual damper, damper 30
32	Settings.DamperFuncTestReq(31)	Function test on individual damper, damper 31
33	Settings.DamperFuncTestReq(32)	Function test on individual damper, damper 32
34	Settings.DamperFuncTestReq(33)	Function test on individual damper, damper 33
35	Settings.DamperFuncTestReq(34)	Function test on individual damper, damper 34
36	Settings.DamperFuncTestReq(35)	Function test on individual damper, damper 35
37	Settings.DamperFuncTestReq(36)	Function test on individual damper, damper 36
38	Settings.DamperFuncTestReq(37)	Function test on individual damper, damper 37
39	Settings.DamperFuncTestReq(38)	Function test on individual damper, damper 38
40	Settings.DamperFuncTestReq(39)	Function test on individual damper, damper 39
41	Settings.DamperFuncTestReq(40)	Function test on individual damper, damper 40
42	Settings.DamperFuncTestReq(41)	Function test on individual damper, damper 41
43	Settings.DamperFuncTestReq(42)	Function test on individual damper, damper 42
44	Settings.DamperFuncTestReq(43)	Function test on individual damper, damper 43
45	Settings.DamperFuncTestReq(44)	Function test on individual damper, damper 44
46	Settings.DamperFuncTestReq(45)	Function test on individual damper, damper 45
47	Settings.DamperFuncTestReq(46)	Function test on individual damper, damper 46
48	Settings.DamperFuncTestReq(47)	Function test on individual damper, damper 47
49	Settings.DamperFuncTestReq(48)	Function test on individual damper, damper 48
50	Settings.DamperFuncTestReq(49)	Function test on individual damper, damper 49
51	Settings.DamperFuncTestReq(50)	Function test on individual damper, damper 50

52	Settings.DamperFuncTestReq(51)	Function test on individual damper, damper 51
53	Settings.DamperFuncTestReq(52)	Function test on individual damper, damper 52
54	Settings.DamperFuncTestReq(53)	Function test on individual damper, damper 53
55	Settings.DamperFuncTestReq(54)	Function test on individual damper, damper 54
56	Settings.DamperFuncTestReq(55)	Function test on individual damper, damper 55
57	Settings.DamperFuncTestReq(56)	Function test on individual damper, damper 56
58	Settings.DamperFuncTestReq(57)	Function test on individual damper, damper 57
59	Settings.DamperFuncTestReq(58)	Function test on individual damper, damper 58
60	Settings.DamperFuncTestReq(59)	Function test on individual damper, damper 59
61	Settings.DamperFuncTestReq(60)	Function test on individual damper, damper 60
62	Settings.NightModeRequest	Request nightmode
63	Settings.FuncTestReqCheckTime	Check new function test time
64	Settings.FuncTestReqTimeCommit	Commit checked time (only works if FuncTestDateStatus is ok)

## Discrete Inputs

Addr	EXOL Variable	Description
0	Actual.DI1_Damper1Closed	Digital input 1, Damper 1 Close indication
1	Actual.DI2_Damper1Open	Digital input 2, Damper 1 Open indication
2	Actual.DI3_Damper2Closed	Digital input 3, Damper 2 Close indication
3	Actual.DI4_Damper2Open	Digital input 4, Damper 2 Open indication
4	Actual.DI5_Damper3Closed	Digital input 5, Damper 3 Close indication
5	Actual.DI6_Damper3Open	Digital input 6, Damper 3 Open indication
6	Actual.DI7_AckAlarmBuzzer	Digital input 7, Acknowledge the alarm buzzer
7	Actual.DI8_FunctionTest	Digital input 8, Trig function test
8	Actual.UI2_Night	Universal input 2 (Digital input 10), Night mode
9	Actual.UI3_SEFAlarm	Universal input 3 (Digital input 11), SEF Alarm
10	Actual.DO1_Damper1	Digital output 1, Damper 1 Power
11	Actual.DO2_Damper2	Digital output 2, Damper 2 Power
12	Actual.DO3_Damper3	Digital output 3, Damper 3 Power
13	Actual.DO4_AlarmBuzzer	Digital output 4, Alarm buzzer
14	Actual.DO5_SumAlarm	Digital output 5, SumAlarm
15	Actual.DO6_RunAHU	Digital output 6, Run AHU
16	Actual.DO7_SEF	Digital output 7, Run SEF
17	Actual.DamperPower(1)	Power to damper 1
18	Actual.DamperPower(2)	Power to damper 2
19	Actual.DamperPower(3)	Power to damper 3
20	Actual.DamperPower(4)	Power to damper 4
21	Actual.DamperPower(5)	Power to damper 5
22	Actual.DamperPower(6)	Power to damper 6
23	Actual.DamperPower(7)	Power to damper 7
24	Actual.DamperPower(8)	Power to damper 8
25	Actual.DamperPower(9)	Power to damper 9
26	Actual.DamperPower(10)	Power to damper 10
27	Actual.DamperPower(11)	Power to damper 11
28	Actual.DamperPower(12)	Power to damper 12
29	Actual.DamperPower(13)	Power to damper 13
30	Actual.DamperPower(14)	Power to damper 14
31	Actual.DamperPower(15)	Power to damper 15
32	Actual.DamperPower(16)	Power to damper 16
33	Actual.DamperPower(17)	Power to damper 17
34	Actual.DamperPower(18)	Power to damper 18
35	Actual.DamperPower(19)	Power to damper 19
36	Actual.DamperPower(20)	Power to damper 20
37	Actual.DamperPower(21)	Power to damper 21
38	Actual.DamperPower(22)	Power to damper 22
39	Actual.DamperPower(23)	Power to damper 23
40	Actual.DamperPower(24)	Power to damper 24
41	Actual.DamperPower(25)	Power to damper 25
42	Actual.DamperPower(26)	Power to damper 26
43	Actual.DamperPower(27)	Power to damper 27
44	Actual.DamperPower(28)	Power to damper 28
45	Actual.DamperPower(29)	Power to damper 29
46	Actual.DamperPower(30)	Power to damper 30
47	Actual.DamperPower(31)	Power to damper 31
48	Actual.DamperPower(32)	Power to damper 32

49	Actual.DamperPower(33)	Power to damper 33
50	Actual.DamperPower(34)	Power to damper 34
51	Actual.DamperPower(35)	Power to damper 35
52	Actual.DamperPower(36)	Power to damper 36
53	Actual.DamperPower(37)	Power to damper 37
54	Actual.DamperPower(38)	Power to damper 38
55	Actual.DamperPower(39)	Power to damper 39
56	Actual.DamperPower(40)	Power to damper 40
57	Actual.DamperPower(41)	Power to damper 41
58	Actual.DamperPower(42)	Power to damper 42
59	Actual.DamperPower(43)	Power to damper 43
60	Actual.DamperPower(44)	Power to damper 44
61	Actual.DamperPower(45)	Power to damper 45
62	Actual.DamperPower(46)	Power to damper 46
63	Actual.DamperPower(47)	Power to damper 47
64	Actual.DamperPower(48)	Power to damper 48
65	Actual.DamperPower(49)	Power to damper 49
66	Actual.DamperPower(50)	Power to damper 50
67	Actual.DamperPower(51)	Power to damper 51
68	Actual.DamperPower(52)	Power to damper 52
69	Actual.DamperPower(53)	Power to damper 53
70	Actual.DamperPower(54)	Power to damper 54
71	Actual.DamperPower(55)	Power to damper 55
72	Actual.DamperPower(56)	Power to damper 56
73	Actual.DamperPower(57)	Power to damper 57
74	Actual.DamperPower(58)	Power to damper 58
75	Actual.DamperPower(59)	Power to damper 59
76	Actual.DamperPower(60)	Power to damper 60
77	Actual.DamperIndOpen(1)	Damper 1 open indication
78	Actual.DamperIndOpen(2)	Damper 2 open indication
79	Actual.DamperIndOpen(3)	Damper 3 open indication
80	Actual.DamperIndOpen(4)	Damper 4 open indication
81	Actual.DamperIndOpen(5)	Damper 5 open indication
82	Actual.DamperIndOpen(6)	Damper 6 open indication
83	Actual.DamperIndOpen(7)	Damper 7 open indication
84	Actual.DamperIndOpen(8)	Damper 8 open indication
85	Actual.DamperIndOpen(9)	Damper 9 open indication
86	Actual.DamperIndOpen(10)	Damper 10 open indication
87	Actual.DamperIndOpen(11)	Damper 11 open indication
88	Actual.DamperIndOpen(12)	Damper 12 open indication
89	Actual.DamperIndOpen(13)	Damper 13 open indication
90	Actual.DamperIndOpen(14)	Damper 14 open indication
91	Actual.DamperIndOpen(15)	Damper 15 open indication
92	Actual.DamperIndOpen(16)	Damper 16 open indication
93	Actual.DamperIndOpen(17)	Damper 17 open indication
94	Actual.DamperIndOpen(18)	Damper 18 open indication
95	Actual.DamperIndOpen(19)	Damper 19 open indication
96	Actual.DamperIndOpen(20)	Damper 20 open indication
97	Actual.DamperIndOpen(21)	Damper 21 open indication
98	Actual.DamperIndOpen(22)	Damper 22 open indication
99	Actual.DamperIndOpen(23)	Damper 23 open indication
100	Actual.DamperIndOpen(24)	Damper 24 open indication
101	Actual.DamperIndOpen(25)	Damper 25 open indication
102	Actual.DamperIndOpen(26)	Damper 26 open indication
103	Actual.DamperIndOpen(27)	Damper 27 open indication
104	Actual.DamperIndOpen(28)	Damper 28 open indication
105	Actual.DamperIndOpen(29)	Damper 29 open indication
106	Actual.DamperIndOpen(30)	Damper 30 open indication
107	Actual.DamperIndOpen(31)	Damper 31 open indication
108	Actual.DamperIndOpen(32)	Damper 32 open indication
109	Actual.DamperIndOpen(33)	Damper 33 open indication
110	Actual.DamperIndOpen(34)	Damper 34 open indication
111	Actual.DamperIndOpen(35)	Damper 35 open indication
112	Actual.DamperIndOpen(36)	Damper 36 open indication
113	Actual.DamperIndOpen(37)	Damper 37 open indication
114	Actual.DamperIndOpen(38)	Damper 38 open indication
115	Actual.DamperIndOpen(39)	Damper 39 open indication
116	Actual.DamperIndOpen(40)	Damper 40 open indication
117	Actual.DamperIndOpen(41)	Damper 41 open indication

118	Actual.DamperIndOpen(42)	Damper 42 open indication
119	Actual.DamperIndOpen(43)	Damper 43 open indication
120	Actual.DamperIndOpen(44)	Damper 44 open indication
121	Actual.DamperIndOpen(45)	Damper 45 open indication
122	Actual.DamperIndOpen(46)	Damper 46 open indication
123	Actual.DamperIndOpen(47)	Damper 47 open indication
124	Actual.DamperIndOpen(48)	Damper 48 open indication
125	Actual.DamperIndOpen(49)	Damper 49 open indication
126	Actual.DamperIndOpen(50)	Damper 50 open indication
127	Actual.DamperIndOpen(51)	Damper 51 open indication
128	Actual.DamperIndOpen(52)	Damper 52 open indication
129	Actual.DamperIndOpen(53)	Damper 53 open indication
130	Actual.DamperIndOpen(54)	Damper 54 open indication
131	Actual.DamperIndOpen(55)	Damper 55 open indication
132	Actual.DamperIndOpen(56)	Damper 56 open indication
133	Actual.DamperIndOpen(57)	Damper 57 open indication
134	Actual.DamperIndOpen(58)	Damper 58 open indication
135	Actual.DamperIndOpen(59)	Damper 59 open indication
136	Actual.DamperIndOpen(60)	Damper 60 open indication
137	Actual.DamperIndClose(1)	Damper 1 close indication
138	Actual.DamperIndClose(2)	Damper 2 close indication
139	Actual.DamperIndClose(3)	Damper 3 close indication
140	Actual.DamperIndClose(4)	Damper 4 close indication
141	Actual.DamperIndClose(5)	Damper 5 close indication
142	Actual.DamperIndClose(6)	Damper 6 close indication
143	Actual.DamperIndClose(7)	Damper 7 close indication
144	Actual.DamperIndClose(8)	Damper 8 close indication
145	Actual.DamperIndClose(9)	Damper 9 close indication
146	Actual.DamperIndClose(10)	Damper 10 close indication
147	Actual.DamperIndClose(11)	Damper 11 close indication
148	Actual.DamperIndClose(12)	Damper 12 close indication
149	Actual.DamperIndClose(13)	Damper 13 close indication
150	Actual.DamperIndClose(14)	Damper 14 close indication
151	Actual.DamperIndClose(15)	Damper 15 close indication
152	Actual.DamperIndClose(16)	Damper 16 close indication
153	Actual.DamperIndClose(17)	Damper 17 close indication
154	Actual.DamperIndClose(18)	Damper 18 close indication
155	Actual.DamperIndClose(19)	Damper 19 close indication
156	Actual.DamperIndClose(20)	Damper 20 close indication
157	Actual.DamperIndClose(21)	Damper 21 close indication
158	Actual.DamperIndClose(22)	Damper 22 close indication
159	Actual.DamperIndClose(23)	Damper 23 close indication
160	Actual.DamperIndClose(24)	Damper 24 close indication
161	Actual.DamperIndClose(25)	Damper 25 close indication
162	Actual.DamperIndClose(26)	Damper 26 close indication
163	Actual.DamperIndClose(27)	Damper 27 close indication
164	Actual.DamperIndClose(28)	Damper 28 close indication
165	Actual.DamperIndClose(29)	Damper 29 close indication
166	Actual.DamperIndClose(30)	Damper 30 close indication
167	Actual.DamperIndClose(31)	Damper 31 close indication
168	Actual.DamperIndClose(32)	Damper 32 close indication
169	Actual.DamperIndClose(33)	Damper 33 close indication
170	Actual.DamperIndClose(34)	Damper 34 close indication
171	Actual.DamperIndClose(35)	Damper 35 close indication
172	Actual.DamperIndClose(36)	Damper 36 close indication
173	Actual.DamperIndClose(37)	Damper 37 close indication
174	Actual.DamperIndClose(38)	Damper 38 close indication
175	Actual.DamperIndClose(39)	Damper 39 close indication
176	Actual.DamperIndClose(40)	Damper 40 close indication
177	Actual.DamperIndClose(41)	Damper 41 close indication
178	Actual.DamperIndClose(42)	Damper 42 close indication
179	Actual.DamperIndClose(43)	Damper 43 close indication
180	Actual.DamperIndClose(44)	Damper 44 close indication
181	Actual.DamperIndClose(45)	Damper 45 close indication
182	Actual.DamperIndClose(46)	Damper 46 close indication
183	Actual.DamperIndClose(47)	Damper 47 close indication
184	Actual.DamperIndClose(48)	Damper 48 close indication
185	Actual.DamperIndClose(49)	Damper 49 close indication
186	Actual.DamperIndClose(50)	Damper 50 close indication

187	Actual.DamperIndClose(51)	Damper 51 close indication
188	Actual.DamperIndClose(52)	Damper 52 close indication
189	Actual.DamperIndClose(53)	Damper 53 close indication
190	Actual.DamperIndClose(54)	Damper 54 close indication
191	Actual.DamperIndClose(55)	Damper 55 close indication
192	Actual.DamperIndClose(56)	Damper 56 close indication
193	Actual.DamperIndClose(57)	Damper 57 close indication
194	Actual.DamperIndClose(58)	Damper 58 close indication
195	Actual.DamperIndClose(59)	Damper 59 close indication
196	Actual.DamperIndClose(60)	Damper 60 close indication
197	Actual.FunctionTest	Unit in Function test (whole system)
198	Actual.NightMode	Unit in nightmode
500	Actual.SumAlarm	Sum Alarm
501	Actual.FireAlarm(0)	Fire alarm, Sum alarm of smoke detector 1-60
502	Actual.FireAlarm(1)	Alarm# 1; Fire alarm, Smoke detector 1
503	Actual.FireAlarm(2)	Alarm# 2; Fire alarm, Smoke detector 2
504	Actual.FireAlarm(3)	Not available
505	Actual.FireAlarm(4)	Alarm# 4; Fire alarm, Smoke detector 4
506	Actual.FireAlarm(5)	Alarm# 5; Fire alarm, Smoke detector 5
507	Actual.FireAlarm(6)	Alarm# 6; Fire alarm, Smoke detector 6
508	Actual.FireAlarm(7)	Alarm# 7; Fire alarm, Smoke detector 7
509	Actual.FireAlarm(8)	Alarm# 8; Fire alarm, Smoke detector 8
510	Actual.FireAlarm(9)	Alarm# 9; Fire alarm, Smoke detector 9
511	Actual.FireAlarm(10)	Alarm# 10; Fire alarm, Smoke detector 10
512	Actual.FireAlarm(11)	Alarm# 11; Fire alarm, Smoke detector 11
513	Actual.FireAlarm(12)	Alarm# 12; Fire alarm, Smoke detector 12
514	Actual.FireAlarm(13)	Alarm# 13; Fire alarm, Smoke detector 13
515	Actual.FireAlarm(14)	Alarm# 14; Fire alarm, Smoke detector 14
516	Actual.FireAlarm(15)	Alarm# 15; Fire alarm, Smoke detector 15
517	Actual.FireAlarm(16)	Alarm# 16; Fire alarm, Smoke detector 16
518	Actual.FireAlarm(17)	Alarm# 17; Fire alarm, Smoke detector 17
519	Actual.FireAlarm(18)	Alarm# 18; Fire alarm, Smoke detector 18
520	Actual.FireAlarm(19)	Alarm# 19; Fire alarm, Smoke detector 19
521	Actual.FireAlarm(20)	Alarm# 20; Fire alarm, Smoke detector 20
522	Actual.FireAlarm(21)	Alarm# 21; Fire alarm, Smoke detector 21
523	Actual.FireAlarm(22)	Alarm# 22; Fire alarm, Smoke detector 22
524	Actual.FireAlarm(23)	Alarm# 23; Fire alarm, Smoke detector 23
525	Actual.FireAlarm(24)	Alarm# 24; Fire alarm, Smoke detector 24
526	Actual.FireAlarm(25)	Alarm# 25; Fire alarm, Smoke detector 25
527	Actual.FireAlarm(26)	Alarm# 26; Fire alarm, Smoke detector 26
528	Actual.FireAlarm(27)	Alarm# 27; Fire alarm, Smoke detector 27
529	Actual.FireAlarm(28)	Alarm# 28; Fire alarm, Smoke detector 28
530	Actual.FireAlarm(29)	Alarm# 29; Fire alarm, Smoke detector 29
531	Actual.FireAlarm(30)	Alarm# 30; Fire alarm, Smoke detector 30
532	Actual.FireAlarm(31)	Alarm# 31; Fire alarm, Smoke detector 31
533	Actual.FireAlarm(32)	Alarm# 32; Fire alarm, Smoke detector 32
534	Actual.FireAlarm(33)	Alarm# 33; Fire alarm, Smoke detector 33
535	Actual.FireAlarm(34)	Alarm# 34; Fire alarm, Smoke detector 34
536	Actual.FireAlarm(35)	Alarm# 35; Fire alarm, Smoke detector 35
537	Actual.FireAlarm(36)	Alarm# 36; Fire alarm, Smoke detector 36
538	Actual.FireAlarm(37)	Alarm# 37; Fire alarm, Smoke detector 37
539	Actual.FireAlarm(38)	Alarm# 38; Fire alarm, Smoke detector 38
540	Actual.FireAlarm(39)	Alarm# 39; Fire alarm, Smoke detector 39
541	Actual.FireAlarm(40)	Alarm# 40; Fire alarm, Smoke detector 40
542	Actual.FireAlarm(41)	Alarm# 41; Fire alarm, Smoke detector 41
543	Actual.FireAlarm(42)	Alarm# 42; Fire alarm, Smoke detector 42
544	Actual.FireAlarm(43)	Alarm# 43; Fire alarm, Smoke detector 43
545	Actual.FireAlarm(44)	Alarm# 44; Fire alarm, Smoke detector 44
546	Actual.FireAlarm(45)	Alarm# 45; Fire alarm, Smoke detector 45
547	Actual.FireAlarm(46)	Alarm# 46; Fire alarm, Smoke detector 46
548	Actual.FireAlarm(47)	Alarm# 47; Fire alarm, Smoke detector 47
549	Actual.FireAlarm(48)	Alarm# 48; Fire alarm, Smoke detector 48
550	Actual.FireAlarm(49)	Alarm# 49; Fire alarm, Smoke detector 49
551	Actual.FireAlarm(50)	Alarm# 50; Fire alarm, Smoke detector 50
552	Actual.FireAlarm(51)	Alarm# 51; Fire alarm, Smoke detector 51
553	Actual.FireAlarm(52)	Alarm# 52; Fire alarm, Smoke detector 52
554	Actual.FireAlarm(53)	Alarm# 53; Fire alarm, Smoke detector 53
555	Actual.FireAlarm(54)	Alarm# 54; Fire alarm, Smoke detector 54
556	Actual.FireAlarm(55)	Alarm# 55; Fire alarm, Smoke detector 55

557	Actual.FireAlarm(56)	Alarm# 56; Fire alarm, Smoke detector 56
558	Actual.FireAlarm(57)	Alarm# 57; Fire alarm, Smoke detector 57
559	Actual.FireAlarm(58)	Alarm# 58; Fire alarm, Smoke detector 58
560	Actual.FireAlarm(59)	Alarm# 59; Fire alarm, Smoke detector 59
561	Actual.FireAlarm(60)	Alarm# 60; Fire alarm, Smoke detector 60
562	Actual.SmokeDetError(0)	Error, Sum alarm of smoke detector 1-60
563	Actual.SmokeDetError(1)	Alarm# 61; Error, Smoke detektor 1
564	Actual.SmokeDetError(2)	Alarm# 62; Error, Smoke detektor 2
565	Actual.SmokeDetError(3)	Not available
566	Actual.SmokeDetError(4)	Alarm# 64; Error, Smoke detektor 4
567	Actual.SmokeDetError(5)	Alarm# 65; Error, Smoke detektor 5
568	Actual.SmokeDetError(6)	Alarm# 66; Error, Smoke detektor 6
569	Actual.SmokeDetError(7)	Alarm# 67; Error, Smoke detektor 7
570	Actual.SmokeDetError(8)	Alarm# 68; Error, Smoke detektor 8
571	Actual.SmokeDetError(9)	Alarm# 69; Error, Smoke detektor 9
572	Actual.SmokeDetError(10)	Alarm# 70; Error, Smoke detektor 10
573	Actual.SmokeDetError(11)	Alarm# 71; Error, Smoke detektor 11
574	Actual.SmokeDetError(12)	Alarm# 72; Error, Smoke detektor 12
575	Actual.SmokeDetError(13)	Alarm# 73; Error, Smoke detektor 13
576	Actual.SmokeDetError(14)	Alarm# 74; Error, Smoke detektor 14
577	Actual.SmokeDetError(15)	Alarm# 75; Error, Smoke detektor 15
578	Actual.SmokeDetError(16)	Alarm# 76; Error, Smoke detektor 16
579	Actual.SmokeDetError(17)	Alarm# 77; Error, Smoke detektor 17
580	Actual.SmokeDetError(18)	Alarm# 78; Error, Smoke detektor 18
581	Actual.SmokeDetError(19)	Alarm# 79; Error, Smoke detektor 19
582	Actual.SmokeDetError(20)	Alarm# 80; Error, Smoke detektor 20
583	Actual.SmokeDetError(21)	Alarm# 81; Error, Smoke detektor 21
584	Actual.SmokeDetError(22)	Alarm# 82; Error, Smoke detektor 22
585	Actual.SmokeDetError(23)	Alarm# 83; Error, Smoke detektor 23
586	Actual.SmokeDetError(24)	Alarm# 84; Error, Smoke detektor 24
587	Actual.SmokeDetError(25)	Alarm# 85; Error, Smoke detektor 25
588	Actual.SmokeDetError(26)	Alarm# 86; Error, Smoke detektor 26
589	Actual.SmokeDetError(27)	Alarm# 87; Error, Smoke detektor 27
590	Actual.SmokeDetError(28)	Alarm# 88; Error, Smoke detektor 28
591	Actual.SmokeDetError(29)	Alarm# 89; Error, Smoke detektor 29
592	Actual.SmokeDetError(30)	Alarm# 90; Error, Smoke detektor 30
593	Actual.SmokeDetError(31)	Alarm# 91; Error, Smoke detektor 31
594	Actual.SmokeDetError(32)	Alarm# 92; Error, Smoke detektor 32
595	Actual.SmokeDetError(33)	Alarm# 93; Error, Smoke detektor 33
596	Actual.SmokeDetError(34)	Alarm# 94; Error, Smoke detektor 34
597	Actual.SmokeDetError(35)	Alarm# 95; Error, Smoke detektor 35
598	Actual.SmokeDetError(36)	Alarm# 96; Error, Smoke detektor 36
599	Actual.SmokeDetError(37)	Alarm# 97; Error, Smoke detektor 37
600	Actual.SmokeDetError(38)	Alarm# 98; Error, Smoke detektor 38
601	Actual.SmokeDetError(39)	Alarm# 99; Error, Smoke detektor 39
602	Actual.SmokeDetError(40)	Alarm# 100; Error, Smoke detektor 40
603	Actual.SmokeDetError(41)	Alarm# 101; Error, Smoke detektor 41
604	Actual.SmokeDetError(42)	Alarm# 102; Error, Smoke detektor 42
605	Actual.SmokeDetError(43)	Alarm# 103; Error, Smoke detektor 43
606	Actual.SmokeDetError(44)	Alarm# 104; Error, Smoke detektor 44
607	Actual.SmokeDetError(45)	Alarm# 105; Error, Smoke detektor 45
608	Actual.SmokeDetError(46)	Alarm# 106; Error, Smoke detektor 46
609	Actual.SmokeDetError(47)	Alarm# 107; Error, Smoke detektor 47
610	Actual.SmokeDetError(48)	Alarm# 108; Error, Smoke detektor 48
611	Actual.SmokeDetError(49)	Alarm# 109; Error, Smoke detektor 49
612	Actual.SmokeDetError(50)	Alarm# 110; Error, Smoke detektor 50
613	Actual.SmokeDetError(51)	Alarm# 111; Error, Smoke detektor 51
614	Actual.SmokeDetError(52)	Alarm# 112; Error, Smoke detektor 52
615	Actual.SmokeDetError(53)	Alarm# 113; Error, Smoke detektor 53
616	Actual.SmokeDetError(54)	Alarm# 114; Error, Smoke detektor 54
617	Actual.SmokeDetError(55)	Alarm# 115; Error, Smoke detektor 55
618	Actual.SmokeDetError(56)	Alarm# 116; Error, Smoke detektor 56
619	Actual.SmokeDetError(57)	Alarm# 117; Error, Smoke detektor 57
620	Actual.SmokeDetError(58)	Alarm# 118; Error, Smoke detektor 58
621	Actual.SmokeDetError(59)	Alarm# 119; Error, Smoke detektor 59
622	Actual.SmokeDetError(60)	Alarm# 120; Error, Smoke detektor 60
623	Actual.SmokeDetService(0)	Service, Sum alarm of smoke detector 1-60
624	Actual.SmokeDetService(1)	Alarm# 121; Service, Smoke detektor 1
625	Actual.SmokeDetService(2)	Alarm# 122; Service, Smoke detektor 2

626	Actual.SmokeDetService(3)	Not available
627	Actual.SmokeDetService(4)	Alarm# 124; Service, Smoke detektor 4
628	Actual.SmokeDetService(5)	Alarm# 125; Service, Smoke detektor 5
629	Actual.SmokeDetService(6)	Alarm# 126; Service, Smoke detektor 6
630	Actual.SmokeDetService(7)	Alarm# 127; Service, Smoke detektor 7
631	Actual.SmokeDetService(8)	Alarm# 128; Service, Smoke detektor 8
632	Actual.SmokeDetService(9)	Alarm# 129; Service, Smoke detektor 9
633	Actual.SmokeDetService(10)	Alarm# 130; Service, Smoke detektor 10
634	Actual.SmokeDetService(11)	Alarm# 131; Service, Smoke detektor 11
635	Actual.SmokeDetService(12)	Alarm# 132; Service, Smoke detektor 12
636	Actual.SmokeDetService(13)	Alarm# 133; Service, Smoke detektor 13
637	Actual.SmokeDetService(14)	Alarm# 134; Service, Smoke detektor 14
638	Actual.SmokeDetService(15)	Alarm# 135; Service, Smoke detektor 15
639	Actual.SmokeDetService(16)	Alarm# 136; Service, Smoke detektor 16
640	Actual.SmokeDetService(17)	Alarm# 137; Service, Smoke detektor 17
641	Actual.SmokeDetService(18)	Alarm# 138; Service, Smoke detektor 18
642	Actual.SmokeDetService(19)	Alarm# 139; Service, Smoke detektor 19
643	Actual.SmokeDetService(20)	Alarm# 140; Service, Smoke detektor 20
644	Actual.SmokeDetService(21)	Alarm# 141; Service, Smoke detektor 21
645	Actual.SmokeDetService(22)	Alarm# 142; Service, Smoke detektor 22
646	Actual.SmokeDetService(23)	Alarm# 143; Service, Smoke detektor 23
647	Actual.SmokeDetService(24)	Alarm# 144; Service, Smoke detektor 24
648	Actual.SmokeDetService(25)	Alarm# 145; Service, Smoke detektor 25
649	Actual.SmokeDetService(26)	Alarm# 146; Service, Smoke detektor 26
650	Actual.SmokeDetService(27)	Alarm# 147; Service, Smoke detektor 27
651	Actual.SmokeDetService(28)	Alarm# 148; Service, Smoke detektor 28
652	Actual.SmokeDetService(29)	Alarm# 149; Service, Smoke detektor 29
653	Actual.SmokeDetService(30)	Alarm# 150; Service, Smoke detektor 30
654	Actual.SmokeDetService(31)	Alarm# 151; Service, Smoke detektor 31
655	Actual.SmokeDetService(32)	Alarm# 152; Service, Smoke detektor 32
656	Actual.SmokeDetService(33)	Alarm# 153; Service, Smoke detektor 33
657	Actual.SmokeDetService(34)	Alarm# 154; Service, Smoke detektor 34
658	Actual.SmokeDetService(35)	Alarm# 155; Service, Smoke detektor 35
659	Actual.SmokeDetService(36)	Alarm# 156; Service, Smoke detektor 36
660	Actual.SmokeDetService(37)	Alarm# 157; Service, Smoke detektor 37
661	Actual.SmokeDetService(38)	Alarm# 158; Service, Smoke detektor 38
662	Actual.SmokeDetService(39)	Alarm# 159; Service, Smoke detektor 39
663	Actual.SmokeDetService(40)	Alarm# 160; Service, Smoke detektor 40
664	Actual.SmokeDetService(41)	Alarm# 161; Service, Smoke detektor 41
665	Actual.SmokeDetService(42)	Alarm# 162; Service, Smoke detektor 42
666	Actual.SmokeDetService(43)	Alarm# 163; Service, Smoke detektor 43
667	Actual.SmokeDetService(44)	Alarm# 164; Service, Smoke detektor 44
668	Actual.SmokeDetService(45)	Alarm# 165; Service, Smoke detektor 45
669	Actual.SmokeDetService(46)	Alarm# 166; Service, Smoke detektor 46
670	Actual.SmokeDetService(47)	Alarm# 167; Service, Smoke detektor 47
671	Actual.SmokeDetService(48)	Alarm# 168; Service, Smoke detektor 48
672	Actual.SmokeDetService(49)	Alarm# 169; Service, Smoke detektor 49
673	Actual.SmokeDetService(50)	Alarm# 170; Service, Smoke detektor 50
674	Actual.SmokeDetService(51)	Alarm# 171; Service, Smoke detektor 51
675	Actual.SmokeDetService(52)	Alarm# 172; Service, Smoke detektor 52
676	Actual.SmokeDetService(53)	Alarm# 173; Service, Smoke detektor 53
677	Actual.SmokeDetService(54)	Alarm# 174; Service, Smoke detektor 54
678	Actual.SmokeDetService(55)	Alarm# 175; Service, Smoke detektor 55
679	Actual.SmokeDetService(56)	Alarm# 176; Service, Smoke detektor 56
680	Actual.SmokeDetService(57)	Alarm# 177; Service, Smoke detektor 57
681	Actual.SmokeDetService(58)	Alarm# 178; Service, Smoke detektor 58
682	Actual.SmokeDetService(59)	Alarm# 179; Service, Smoke detektor 59
683	Actual.SmokeDetService(60)	Alarm# 180; Service, Smoke detektor 60
684	Actual.DamperAlarm(0)	Fault alarm, Sum alarm of damper 1-60
685	Actual.DamperAlarm(1)	Alarm# 181; Fault alarm, Damper 1
686	Actual.DamperAlarm(2)	Alarm# 182; Fault alarm, Damper 2
687	Actual.DamperAlarm(3)	Alarm# 183; Fault alarm, Damper 3
688	Actual.DamperAlarm(4)	Alarm# 184; Fault alarm, Damper 4
689	Actual.DamperAlarm(5)	Alarm# 185; Fault alarm, Damper 5
690	Actual.DamperAlarm(6)	Alarm# 186; Fault alarm, Damper 6
691	Actual.DamperAlarm(7)	Alarm# 187; Fault alarm, Damper 7
692	Actual.DamperAlarm(8)	Alarm# 188; Fault alarm, Damper 8
693	Actual.DamperAlarm(9)	Alarm# 189; Fault alarm, Damper 9
694	Actual.DamperAlarm(10)	Alarm# 190; Fault alarm, Damper 10



695	Actual.DamperAlarm(11)	Alarm# 191; Fault alarm, Damper 11
696	Actual.DamperAlarm(12)	Alarm# 192; Fault alarm, Damper 12
697	Actual.DamperAlarm(13)	Alarm# 193; Fault alarm, Damper 13
698	Actual.DamperAlarm(14)	Alarm# 194; Fault alarm, Damper 14
699	Actual.DamperAlarm(15)	Alarm# 195; Fault alarm, Damper 15
700	Actual.DamperAlarm(16)	Alarm# 196; Fault alarm, Damper 16
701	Actual.DamperAlarm(17)	Alarm# 197; Fault alarm, Damper 17
702	Actual.DamperAlarm(18)	Alarm# 198; Fault alarm, Damper 18
703	Actual.DamperAlarm(19)	Alarm# 199; Fault alarm, Damper 19
704	Actual.DamperAlarm(20)	Alarm# 200; Fault alarm, Damper 20
705	Actual.DamperAlarm(21)	Alarm# 201; Fault alarm, Damper 21
706	Actual.DamperAlarm(22)	Alarm# 202; Fault alarm, Damper 22
707	Actual.DamperAlarm(23)	Alarm# 203; Fault alarm, Damper 23
708	Actual.DamperAlarm(24)	Alarm# 204; Fault alarm, Damper 24
709	Actual.DamperAlarm(25)	Alarm# 205; Fault alarm, Damper 25
710	Actual.DamperAlarm(26)	Alarm# 206; Fault alarm, Damper 26
711	Actual.DamperAlarm(27)	Alarm# 207; Fault alarm, Damper 27
712	Actual.DamperAlarm(28)	Alarm# 208; Fault alarm, Damper 28
713	Actual.DamperAlarm(29)	Alarm# 209; Fault alarm, Damper 29
714	Actual.DamperAlarm(30)	Alarm# 210; Fault alarm, Damper 30
715	Actual.DamperAlarm(31)	Alarm# 211; Fault alarm, Damper 31
716	Actual.DamperAlarm(32)	Alarm# 212; Fault alarm, Damper 32
717	Actual.DamperAlarm(33)	Alarm# 213; Fault alarm, Damper 33
718	Actual.DamperAlarm(34)	Alarm# 214; Fault alarm, Damper 34
719	Actual.DamperAlarm(35)	Alarm# 215; Fault alarm, Damper 35
720	Actual.DamperAlarm(36)	Alarm# 216; Fault alarm, Damper 36
721	Actual.DamperAlarm(37)	Alarm# 217; Fault alarm, Damper 37
722	Actual.DamperAlarm(38)	Alarm# 218; Fault alarm, Damper 38
723	Actual.DamperAlarm(39)	Alarm# 219; Fault alarm, Damper 39
724	Actual.DamperAlarm(40)	Alarm# 220; Fault alarm, Damper 40
725	Actual.DamperAlarm(41)	Alarm# 221; Fault alarm, Damper 41
726	Actual.DamperAlarm(42)	Alarm# 222; Fault alarm, Damper 42
727	Actual.DamperAlarm(43)	Alarm# 223; Fault alarm, Damper 43
728	Actual.DamperAlarm(44)	Alarm# 224; Fault alarm, Damper 44
729	Actual.DamperAlarm(45)	Alarm# 225; Fault alarm, Damper 45
730	Actual.DamperAlarm(46)	Alarm# 226; Fault alarm, Damper 46
731	Actual.DamperAlarm(47)	Alarm# 227; Fault alarm, Damper 47
732	Actual.DamperAlarm(48)	Alarm# 228; Fault alarm, Damper 48
733	Actual.DamperAlarm(49)	Alarm# 229; Fault alarm, Damper 49
734	Actual.DamperAlarm(50)	Alarm# 230; Fault alarm, Damper 50
735	Actual.DamperAlarm(51)	Alarm# 231; Fault alarm, Damper 51
736	Actual.DamperAlarm(52)	Alarm# 232; Fault alarm, Damper 52
737	Actual.DamperAlarm(53)	Alarm# 233; Fault alarm, Damper 53
738	Actual.DamperAlarm(54)	Alarm# 234; Fault alarm, Damper 54
739	Actual.DamperAlarm(55)	Alarm# 235; Fault alarm, Damper 55
740	Actual.DamperAlarm(56)	Alarm# 236; Fault alarm, Damper 56
741	Actual.DamperAlarm(57)	Alarm# 237; Fault alarm, Damper 57
742	Actual.DamperAlarm(58)	Alarm# 238; Fault alarm, Damper 58
743	Actual.DamperAlarm(59)	Alarm# 239; Fault alarm, Damper 59
744	Actual.DamperAlarm(60)	Alarm# 240; Fault alarm, Damper 60
745	Actual.SlaveComError(0)	Com error, sum alarm slave 4-60
746	Actual.SlaveComError(4)	Alarm# 244; Com error, slave 4
747	Actual.SlaveComError(5)	Alarm# 245; Com error, slave 5
748	Actual.SlaveComError(6)	Alarm# 246; Com error, slave 6
749	Actual.SlaveComError(7)	Alarm# 247; Com error, slave 7
750	Actual.SlaveComError(8)	Alarm# 248; Com error, slave 8
751	Actual.SlaveComError(9)	Alarm# 249; Com error, slave 9
752	Actual.SlaveComError(10)	Alarm# 250; Com error, slave 10
753	Actual.SlaveComError(11)	Alarm# 251; Com error, slave 11
754	Actual.SlaveComError(12)	Alarm# 252; Com error, slave 12
755	Actual.SlaveComError(13)	Alarm# 253; Com error, slave 13
756	Actual.SlaveComError(14)	Alarm# 254; Com error, slave 14
757	Actual.SlaveComError(15)	Alarm# 255; Com error, slave 15
758	Actual.SlaveComError(16)	Alarm# 256; Com error, slave 16
759	Actual.SlaveComError(17)	Alarm# 257; Com error, slave 17
760	Actual.SlaveComError(18)	Alarm# 258; Com error, slave 18
761	Actual.SlaveComError(19)	Alarm# 259; Com error, slave 19
762	Actual.SlaveComError(20)	Alarm# 260; Com error, slave 20
763	Actual.SlaveComError(21)	Alarm# 261; Com error, slave 21

764	Actual.SlaveComError(22)	Alarm# 262; Com error, slave 22
765	Actual.SlaveComError(23)	Alarm# 263; Com error, slave 23
766	Actual.SlaveComError(24)	Alarm# 264; Com error, slave 24
767	Actual.SlaveComError(25)	Alarm# 265; Com error, slave 25
768	Actual.SlaveComError(26)	Alarm# 266; Com error, slave 26
769	Actual.SlaveComError(27)	Alarm# 267; Com error, slave 27
770	Actual.SlaveComError(28)	Alarm# 268; Com error, slave 28
771	Actual.SlaveComError(29)	Alarm# 269; Com error, slave 29
772	Actual.SlaveComError(30)	Alarm# 270; Com error, slave 30
773	Actual.SlaveComError(31)	Alarm# 271; Com error, slave 31
774	Actual.SlaveComError(32)	Alarm# 272; Com error, slave 32
775	Actual.SlaveComError(33)	Alarm# 273; Com error, slave 33
776	Actual.SlaveComError(34)	Alarm# 274; Com error, slave 34
777	Actual.SlaveComError(35)	Alarm# 275; Com error, slave 35
778	Actual.SlaveComError(36)	Alarm# 276; Com error, slave 36
779	Actual.SlaveComError(37)	Alarm# 277; Com error, slave 37
780	Actual.SlaveComError(38)	Alarm# 278; Com error, slave 38
781	Actual.SlaveComError(39)	Alarm# 279; Com error, slave 39
782	Actual.SlaveComError(40)	Alarm# 280; Com error, slave 40
783	Actual.SlaveComError(41)	Alarm# 281; Com error, slave 41
784	Actual.SlaveComError(42)	Alarm# 282; Com error, slave 42
785	Actual.SlaveComError(43)	Alarm# 283; Com error, slave 43
786	Actual.SlaveComError(44)	Alarm# 284; Com error, slave 44
787	Actual.SlaveComError(45)	Alarm# 285; Com error, slave 45
788	Actual.SlaveComError(46)	Alarm# 286; Com error, slave 46
789	Actual.SlaveComError(47)	Alarm# 287; Com error, slave 47
790	Actual.SlaveComError(48)	Alarm# 288; Com error, slave 48
791	Actual.SlaveComError(49)	Alarm# 289; Com error, slave 49
792	Actual.SlaveComError(50)	Alarm# 290; Com error, slave 50
793	Actual.SlaveComError(51)	Alarm# 291; Com error, slave 51
794	Actual.SlaveComError(52)	Alarm# 292; Com error, slave 52
795	Actual.SlaveComError(53)	Alarm# 293; Com error, slave 53
796	Actual.SlaveComError(54)	Alarm# 294; Com error, slave 54
797	Actual.SlaveComError(55)	Alarm# 295; Com error, slave 55
798	Actual.SlaveComError(56)	Alarm# 296; Com error, slave 56
799	Actual.SlaveComError(57)	Alarm# 297; Com error, slave 57
800	Actual.SlaveComError(58)	Alarm# 298; Com error, slave 58
801	Actual.SlaveComError(59)	Alarm# 299; Com error, slave 59
802	Actual.SlaveComError(60)	Alarm# 300; Com error, slave 60
803	Actual.DamperManMode(0)	Sum alarm for damper 1-60 in manual mode
804	Actual.DamperManMode(1)	Alarm# 361; Damper 1 in manual mode
805	Actual.DamperManMode(2)	Alarm# 362; Damper 2 in manual mode
806	Actual.DamperManMode(3)	Alarm# 363; Damper 3 in manual mode
807	Actual.DamperManMode(4)	Alarm# 364; Damper 4 in manual mode
808	Actual.DamperManMode(5)	Alarm# 365; Damper 5 in manual mode
809	Actual.DamperManMode(6)	Alarm# 366; Damper 6 in manual mode
810	Actual.DamperManMode(7)	Alarm# 367; Damper 7 in manual mode
811	Actual.DamperManMode(8)	Alarm# 368; Damper 8 in manual mode
812	Actual.DamperManMode(9)	Alarm# 369; Damper 9 in manual mode
813	Actual.DamperManMode(10)	Alarm# 370; Damper 10 in manual mode
814	Actual.DamperManMode(11)	Alarm# 371; Damper 11 in manual mode
815	Actual.DamperManMode(12)	Alarm# 372; Damper 12 in manual mode
816	Actual.DamperManMode(13)	Alarm# 373; Damper 13 in manual mode
817	Actual.DamperManMode(14)	Alarm# 374; Damper 14 in manual mode
818	Actual.DamperManMode(15)	Alarm# 375; Damper 15 in manual mode
819	Actual.DamperManMode(16)	Alarm# 376; Damper 16 in manual mode
820	Actual.DamperManMode(17)	Alarm# 377; Damper 17 in manual mode
821	Actual.DamperManMode(18)	Alarm# 378; Damper 18 in manual mode
822	Actual.DamperManMode(19)	Alarm# 379; Damper 19 in manual mode
823	Actual.DamperManMode(20)	Alarm# 380; Damper 20 in manual mode
824	Actual.DamperManMode(21)	Alarm# 381; Damper 21 in manual mode
825	Actual.DamperManMode(22)	Alarm# 382; Damper 22 in manual mode
826	Actual.DamperManMode(23)	Alarm# 383; Damper 23 in manual mode
827	Actual.DamperManMode(24)	Alarm# 384; Damper 24 in manual mode
828	Actual.DamperManMode(25)	Alarm# 385; Damper 25 in manual mode
829	Actual.DamperManMode(26)	Alarm# 386; Damper 26 in manual mode
830	Actual.DamperManMode(27)	Alarm# 387; Damper 27 in manual mode
831	Actual.DamperManMode(28)	Alarm# 388; Damper 28 in manual mode
832	Actual.DamperManMode(29)	Alarm# 389; Damper 29 in manual mode

833	Actual.DamperManMode(30)	Alarm# 390; Damper 30 in manual mode
834	Actual.DamperManMode(31)	Alarm# 391; Damper 31 in manual mode
835	Actual.DamperManMode(32)	Alarm# 392; Damper 32 in manual mode
836	Actual.DamperManMode(33)	Alarm# 393; Damper 33 in manual mode
837	Actual.DamperManMode(34)	Alarm# 394; Damper 34 in manual mode
838	Actual.DamperManMode(35)	Alarm# 395; Damper 35 in manual mode
839	Actual.DamperManMode(36)	Alarm# 396; Damper 36 in manual mode
840	Actual.DamperManMode(37)	Alarm# 397; Damper 37 in manual mode
841	Actual.DamperManMode(38)	Alarm# 398; Damper 38 in manual mode
842	Actual.DamperManMode(39)	Alarm# 399; Damper 39 in manual mode
843	Actual.DamperManMode(40)	Alarm# 400; Damper 40 in manual mode
844	Actual.DamperManMode(41)	Alarm# 401; Damper 41 in manual mode
845	Actual.DamperManMode(42)	Alarm# 402; Damper 42 in manual mode
846	Actual.DamperManMode(43)	Alarm# 403; Damper 43 in manual mode
847	Actual.DamperManMode(44)	Alarm# 404; Damper 44 in manual mode
848	Actual.DamperManMode(45)	Alarm# 405; Damper 45 in manual mode
849	Actual.DamperManMode(46)	Alarm# 406; Damper 46 in manual mode
850	Actual.DamperManMode(47)	Alarm# 407; Damper 47 in manual mode
851	Actual.DamperManMode(48)	Alarm# 408; Damper 48 in manual mode
852	Actual.DamperManMode(49)	Alarm# 409; Damper 49 in manual mode
853	Actual.DamperManMode(50)	Alarm# 410; Damper 50 in manual mode
854	Actual.DamperManMode(51)	Alarm# 411; Damper 51 in manual mode
855	Actual.DamperManMode(52)	Alarm# 412; Damper 52 in manual mode
856	Actual.DamperManMode(53)	Alarm# 413; Damper 53 in manual mode
857	Actual.DamperManMode(54)	Alarm# 414; Damper 54 in manual mode
858	Actual.DamperManMode(55)	Alarm# 415; Damper 55 in manual mode
859	Actual.DamperManMode(56)	Alarm# 416; Damper 56 in manual mode
860	Actual.DamperManMode(57)	Alarm# 417; Damper 57 in manual mode
861	Actual.DamperManMode(58)	Alarm# 418; Damper 58 in manual mode
862	Actual.DamperManMode(59)	Alarm# 419; Damper 59 in manual mode
863	Actual.DamperManMode(60)	Alarm# 420; Damper 60 in manual mode
864	Actual.DamperManModeGen	Alarm# 421; General damper control in manual mode
865	Actual.PressureSensComError	Alarm# 422; Communication error pressure transmitter
866	Actual.PressureSensError	Alarm# 423; Pressure sensor error
867	Actual.ABA_Alarm	Alarm# 424; Alarm central automatic fire unit
868	Actual.Thermostat_Alarm	Alarm# 425; Alarm Thermostat
869	Actual.FireInspector_Alarm	Alarm# 426; Alarm Inspector
870	Actual.Temp_Alarm	Alarm# 427; Alarm Temperature
871	Actual.Temp_Error_Alarm	Alarm# 428; Alarm Temperature Error
872	Actual.FuncTestFail	Alarm# 429; Function test fail
873	Actual.SEF_Alarm	Alarm# 430; Alarm SEF
874	Actual.SEF_Test_Alarm	Alarm# 431; SEF test alarm, pressure setpoint is not ok, within the timeout
875	Actual.SEF_HighPrAlarm	Alarm# 432; SEF pressure more than max limit
876	Actual.SEF_LowPrAlarm	Alarm# 433; SEF pressure less than min limit
877	Actual.SEF_ManModeAlarm	Alarm# 434; SEF in manual mode
878	Actual.AHUSurvAlarm	Alarm# 435; AHU surveillance pressure alarm
879	Actual.BatteryError	Alarm# 436; Internal battery error

## Holding Registers

Addr	Scale	EXOL Variable	Description
0	1	QSystem.Minute	Minute
1	1	QSystem.Hour	Hour
2	1	QSystem.WDay	Day of Week (1-7, 1=Monday)
3	1	QSystem.Week	Week number
4	1	QSystem.Date	Day of month
5	1	QSystem.Month	Month
6	1	QSystem.Year	Year
7	1	Settings.DamperSelectAll	Damper manual open/close signal on all dampers (0=Close,1=Open,2=Auto (open only possible when no alarm))
8	1	Settings.DamperSelect(1)	Damper 1 manual open/close (0=Close,1=Open,2=Auto)
9	1	Settings.DamperSelect(2)	Damper 2 manual open/close

10	1	Settings.DamperSelect(3)	Damper 3 manual open/close
11	1	Settings.DamperSelect(4)	Damper 4 manual open/close
12	1	Settings.DamperSelect(5)	Damper 5 manual open/close
13	1	Settings.DamperSelect(6)	Damper 6 manual open/close
14	1	Settings.DamperSelect(7)	Damper 7 manual open/close
15	1	Settings.DamperSelect(8)	Damper 8 manual open/close
16	1	Settings.DamperSelect(9)	Damper 9 manual open/close
17	1	Settings.DamperSelect(10)	Damper 10 manual open/close
18	1	Settings.DamperSelect(11)	Damper 11 manual open/close
19	1	Settings.DamperSelect(12)	Damper 12 manual open/close
20	1	Settings.DamperSelect(13)	Damper 13 manual open/close
21	1	Settings.DamperSelect(14)	Damper 14 manual open/close
22	1	Settings.DamperSelect(15)	Damper 15 manual open/close
23	1	Settings.DamperSelect(16)	Damper 16 manual open/close
24	1	Settings.DamperSelect(17)	Damper 17 manual open/close
25	1	Settings.DamperSelect(18)	Damper 18 manual open/close
26	1	Settings.DamperSelect(19)	Damper 19 manual open/close
27	1	Settings.DamperSelect(20)	Damper 20 manual open/close
28	1	Settings.DamperSelect(21)	Damper 21 manual open/close
29	1	Settings.DamperSelect(22)	Damper 22 manual open/close
30	1	Settings.DamperSelect(23)	Damper 23 manual open/close
31	1	Settings.DamperSelect(24)	Damper 24 manual open/close
32	1	Settings.DamperSelect(25)	Damper 25 manual open/close
33	1	Settings.DamperSelect(26)	Damper 26 manual open/close
34	1	Settings.DamperSelect(27)	Damper 27 manual open/close
35	1	Settings.DamperSelect(28)	Damper 28 manual open/close
36	1	Settings.DamperSelect(29)	Damper 29 manual open/close
37	1	Settings.DamperSelect(30)	Damper 30 manual open/close
38	1	Settings.DamperSelect(31)	Damper 31 manual open/close
39	1	Settings.DamperSelect(32)	Damper 32 manual open/close
40	1	Settings.DamperSelect(33)	Damper 33 manual open/close
41	1	Settings.DamperSelect(34)	Damper 34 manual open/close
42	1	Settings.DamperSelect(35)	Damper 35 manual open/close
43	1	Settings.DamperSelect(36)	Damper 36 manual open/close
44	1	Settings.DamperSelect(37)	Damper 37 manual open/close
45	1	Settings.DamperSelect(38)	Damper 38 manual open/close
46	1	Settings.DamperSelect(39)	Damper 39 manual open/close
47	1	Settings.DamperSelect(40)	Damper 40 manual open/close
48	1	Settings.DamperSelect(41)	Damper 41 manual open/close
49	1	Settings.DamperSelect(42)	Damper 42 manual open/close
50	1	Settings.DamperSelect(43)	Damper 43 manual open/close
51	1	Settings.DamperSelect(44)	Damper 44 manual open/close
52	1	Settings.DamperSelect(45)	Damper 45 manual open/close
53	1	Settings.DamperSelect(46)	Damper 46 manual open/close
54	1	Settings.DamperSelect(47)	Damper 47 manual open/close
55	1	Settings.DamperSelect(48)	Damper 48 manual open/close
56	1	Settings.DamperSelect(49)	Damper 49 manual open/close
57	1	Settings.DamperSelect(50)	Damper 50 manual open/close
58	1	Settings.DamperSelect(51)	Damper 51 manual open/close
59	1	Settings.DamperSelect(52)	Damper 52 manual open/close
60	1	Settings.DamperSelect(53)	Damper 53 manual open/close
61	1	Settings.DamperSelect(54)	Damper 54 manual open/close
62	1	Settings.DamperSelect(55)	Damper 55 manual open/close
63	1	Settings.DamperSelect(56)	Damper 56 manual open/close
64	1	Settings.DamperSelect(57)	Damper 57 manual open/close
65	1	Settings.DamperSelect(58)	Damper 58 manual open/close
66	1	Settings.DamperSelect(59)	Damper 59 manual open/close
67	1	Settings.DamperSelect(60)	Damper 60 manual open/close
68	1	Settings.SEF_Select	SEF manual (0=Manual off,1=Manual On,2=Auto)
69	1	Settings.SEF_ManualOutput	SEF manual output
70	1	Settings.SEF_SupportSetP	SEF fan pressure support setpoint
71	1	Settings.SEF_FireSetP	SEF fan pressure fire setpoint
72	1	Settings.SEF_ExcerciseSetP	SEF fan pressure excercise setpoint
73	100	Settings.SEF_PID_PGain	The proportional gain of the SEF PID
74	1	Settings.SEF_PID_ITime	The Integral time of the SEF PID

75	1	Settings.FuncTestInterval	Interval between function test, 0=24h,1=48h,2=Once a week,3=Once every two weeks,4=Once a month (30days),5=Once every six months
76	1	Settings.FuncTestReqTimeD	Request new time for function test, Date
77	1	Settings.FuncTestReqTimeM	Request new time for function test, Month
78	1	Settings.FuncTestReqTimeY	Request new time for function test, Year (2dig)
79	1	Settings.FuncTestReqTimeMin	Request new time for function test, Min
80	1	Settings.FuncTestReqTimeH	Request new time for function test, Hour
81	1	Settings.AcknowledgeAlarm	Acknowledge Alarm function (will acknow. alarm no# input)

## Input Registers

Addr	Scale	EXOL Variable	Description
0	1	Actual.SystemStatus	System status, 0=PowerUp,1=Install,2=Running
1	1	Actual.SystemRunMode	System runmode, 0=Off/Install,1=Night mode,2=Normal run,3=Exercise,4=Emergency run,5=Fire alarm run
2	10	Actual.AI1_SmokeDetector1	Analog input 1, Smoke detector 1
3	10	Actual.AI2_SmokeDetector2	Analog input 2, Smoke detector 2
4	10	Actual.AI3_ABACableSurv	Analog input 3, ABA Cable surveillance
5	10	Actual.AI4_FireTherCableSurv	Analog input 4, Fire thermostat cable surveillance
6	10	Actual.UI1_Temp	Universal input 1 (AI5), Temperature sensor
7	10	Actual.UI4_FireInspCableSurv	Universal input 4 (AI8), Fire inspector surveillance
8	10	Actual.AO1_SEF	Analog output 1, SEF speed
9	10	Actual.Pressure	Pressure reading
10	1	Actual.DetectorStatus(1)	Detector 1 status (0=Ok,1=Dirty,2=Fault,3=Fire,4=Not connected,5=ComFail)
11	1	Actual.DetectorStatus(2)	Detector 2 status
12	1	Actual.DetectorStatus(3)	Not available
13	1	Actual.DetectorStatus(4)	Detector 4 status
14	1	Actual.DetectorStatus(5)	Detector 5 status
15	1	Actual.DetectorStatus(6)	Detector 6 status
16	1	Actual.DetectorStatus(7)	Detector 7 status
17	1	Actual.DetectorStatus(8)	Detector 8 status
18	1	Actual.DetectorStatus(9)	Detector 9 status
19	1	Actual.DetectorStatus(10)	Detector 10 status
20	1	Actual.DetectorStatus(11)	Detector 11 status
21	1	Actual.DetectorStatus(12)	Detector 12 status
22	1	Actual.DetectorStatus(13)	Detector 13 status
23	1	Actual.DetectorStatus(14)	Detector 14 status
24	1	Actual.DetectorStatus(15)	Detector 15 status
25	1	Actual.DetectorStatus(16)	Detector 16 status
26	1	Actual.DetectorStatus(17)	Detector 17 status
27	1	Actual.DetectorStatus(18)	Detector 18 status
28	1	Actual.DetectorStatus(19)	Detector 19 status
29	1	Actual.DetectorStatus(20)	Detector 20 status
30	1	Actual.DetectorStatus(21)	Detector 21 status
31	1	Actual.DetectorStatus(22)	Detector 22 status
32	1	Actual.DetectorStatus(23)	Detector 23 status
33	1	Actual.DetectorStatus(24)	Detector 24 status
34	1	Actual.DetectorStatus(25)	Detector 25 status
35	1	Actual.DetectorStatus(26)	Detector 26 status
36	1	Actual.DetectorStatus(27)	Detector 27 status
37	1	Actual.DetectorStatus(28)	Detector 28 status
38	1	Actual.DetectorStatus(29)	Detector 29 status
39	1	Actual.DetectorStatus(30)	Detector 30 status
40	1	Actual.DetectorStatus(31)	Detector 31 status
41	1	Actual.DetectorStatus(32)	Detector 32 status
42	1	Actual.DetectorStatus(33)	Detector 33 status
43	1	Actual.DetectorStatus(34)	Detector 34 status
44	1	Actual.DetectorStatus(35)	Detector 35 status
45	1	Actual.DetectorStatus(36)	Detector 36 status

46	1	Actual.DetectorStatus(37)	Detector 37 status
47	1	Actual.DetectorStatus(38)	Detector 38 status
48	1	Actual.DetectorStatus(39)	Detector 39 status
49	1	Actual.DetectorStatus(40)	Detector 40 status
50	1	Actual.DetectorStatus(41)	Detector 41 status
51	1	Actual.DetectorStatus(42)	Detector 42 status
52	1	Actual.DetectorStatus(43)	Detector 43 status
53	1	Actual.DetectorStatus(44)	Detector 44 status
54	1	Actual.DetectorStatus(45)	Detector 45 status
55	1	Actual.DetectorStatus(46)	Detector 46 status
56	1	Actual.DetectorStatus(47)	Detector 47 status
57	1	Actual.DetectorStatus(48)	Detector 48 status
58	1	Actual.DetectorStatus(49)	Detector 49 status
59	1	Actual.DetectorStatus(50)	Detector 50 status
60	1	Actual.DetectorStatus(51)	Detector 51 status
61	1	Actual.DetectorStatus(52)	Detector 52 status
62	1	Actual.DetectorStatus(53)	Detector 53 status
63	1	Actual.DetectorStatus(54)	Detector 54 status
64	1	Actual.DetectorStatus(55)	Detector 55 status
65	1	Actual.DetectorStatus(56)	Detector 56 status
66	1	Actual.DetectorStatus(57)	Detector 57 status
67	1	Actual.DetectorStatus(58)	Detector 58 status
68	1	Actual.DetectorStatus(59)	Detector 59 status
69	1	Actual.DetectorStatus(60)	Detector 60 status
70	1	Actual.DamperStatus(1)	Damper 1 status, 0=No damper installed,1=Open,2=Open (hand),3=Open (alarm),4=Open (func. test),5=Opening,6=Opening (func. test),7=Opening (alarm),8=Opening (hand),9=Pre func. test opening,10=Closed (hand),11=Closed (func. test),12=Closed (alarm),13=Closed (night),14=Closed (damper error),15=Closing (hand),16=Closing (alarm),17=Closing (func. test),18=Closing (night),19=Damper connected, waiting for command
71	1	Actual.DamperStatus(2)	Damper 2 status
72	1	Actual.DamperStatus(3)	Damper 3 status
73	1	Actual.DamperStatus(4)	Damper 4 status
74	1	Actual.DamperStatus(5)	Damper 5 status
75	1	Actual.DamperStatus(6)	Damper 6 status
76	1	Actual.DamperStatus(7)	Damper 7 status
77	1	Actual.DamperStatus(8)	Damper 8 status
78	1	Actual.DamperStatus(9)	Damper 9 status
79	1	Actual.DamperStatus(10)	Damper 10 status
80	1	Actual.DamperStatus(11)	Damper 11 status
81	1	Actual.DamperStatus(12)	Damper 12 status
82	1	Actual.DamperStatus(13)	Damper 13 status
83	1	Actual.DamperStatus(14)	Damper 14 status
84	1	Actual.DamperStatus(15)	Damper 15 status
85	1	Actual.DamperStatus(16)	Damper 16 status
86	1	Actual.DamperStatus(17)	Damper 17 status
87	1	Actual.DamperStatus(18)	Damper 18 status
88	1	Actual.DamperStatus(19)	Damper 19 status
89	1	Actual.DamperStatus(20)	Damper 20 status
90	1	Actual.DamperStatus(21)	Damper 21 status
91	1	Actual.DamperStatus(22)	Damper 22 status
92	1	Actual.DamperStatus(23)	Damper 23 status
93	1	Actual.DamperStatus(24)	Damper 24 status
94	1	Actual.DamperStatus(25)	Damper 25 status
95	1	Actual.DamperStatus(26)	Damper 26 status
96	1	Actual.DamperStatus(27)	Damper 27 status
97	1	Actual.DamperStatus(28)	Damper 28 status
98	1	Actual.DamperStatus(29)	Damper 29 status
99	1	Actual.DamperStatus(30)	Damper 30 status
100	1	Actual.DamperStatus(31)	Damper 31 status
101	1	Actual.DamperStatus(32)	Damper 32 status
102	1	Actual.DamperStatus(33)	Damper 33 status
103	1	Actual.DamperStatus(34)	Damper 34 status

104	1	Actual.DamperStatus(35)	Damper 35 status
105	1	Actual.DamperStatus(36)	Damper 36 status
106	1	Actual.DamperStatus(37)	Damper 37 status
107	1	Actual.DamperStatus(38)	Damper 38 status
108	1	Actual.DamperStatus(39)	Damper 39 status
109	1	Actual.DamperStatus(40)	Damper 40 status
110	1	Actual.DamperStatus(41)	Damper 41 status
111	1	Actual.DamperStatus(42)	Damper 42 status
112	1	Actual.DamperStatus(43)	Damper 43 status
113	1	Actual.DamperStatus(44)	Damper 44 status
114	1	Actual.DamperStatus(45)	Damper 45 status
115	1	Actual.DamperStatus(46)	Damper 46 status
116	1	Actual.DamperStatus(47)	Damper 47 status
117	1	Actual.DamperStatus(48)	Damper 48 status
118	1	Actual.DamperStatus(49)	Damper 49 status
119	1	Actual.DamperStatus(50)	Damper 50 status
120	1	Actual.DamperStatus(51)	Damper 51 status
121	1	Actual.DamperStatus(52)	Damper 52 status
122	1	Actual.DamperStatus(53)	Damper 53 status
123	1	Actual.DamperStatus(54)	Damper 54 status
124	1	Actual.DamperStatus(55)	Damper 55 status
125	1	Actual.DamperStatus(56)	Damper 56 status
126	1	Actual.DamperStatus(57)	Damper 57 status
127	1	Actual.DamperStatus(58)	Damper 58 status
128	1	Actual.DamperStatus(59)	Damper 59 status
129	1	Actual.DamperStatus(60)	Damper 60 status
130	1	Actual.DamperFuncTestStatus(1)	Status on function test, damper 1, 0=no test,made/retest/unconnected damper,1=Open test (started closed),2=Open test (started opened),3=Open test failed,4=Close test (started closed),5=Close test (started opened),6=Close test failed,7=Test ok,8=Test interrupted
131	1	Actual.DamperFuncTestStatus(2)	Status on function test, damper 2
132	1	Actual.DamperFuncTestStatus(3)	Status on function test, damper 3
133	1	Actual.DamperFuncTestStatus(4)	Status on function test, damper 4
134	1	Actual.DamperFuncTestStatus(5)	Status on function test, damper 5
135	1	Actual.DamperFuncTestStatus(6)	Status on function test, damper 6
136	1	Actual.DamperFuncTestStatus(7)	Status on function test, damper 7
137	1	Actual.DamperFuncTestStatus(8)	Status on function test, damper 8
138	1	Actual.DamperFuncTestStatus(9)	Status on function test, damper 9
139	1	Actual.DamperFuncTestStatus(10)	Status on function test, damper 10
140	1	Actual.DamperFuncTestStatus(11)	Status on function test, damper 11
141	1	Actual.DamperFuncTestStatus(12)	Status on function test, damper 12
142	1	Actual.DamperFuncTestStatus(13)	Status on function test, damper 13
143	1	Actual.DamperFuncTestStatus(14)	Status on function test, damper 14
144	1	Actual.DamperFuncTestStatus(15)	Status on function test, damper 15
145	1	Actual.DamperFuncTestStatus(16)	Status on function test, damper 16
146	1	Actual.DamperFuncTestStatus(17)	Status on function test, damper 17
147	1	Actual.DamperFuncTestStatus(18)	Status on function test, damper 18
148	1	Actual.DamperFuncTestStatus(19)	Status on function test, damper 19
149	1	Actual.DamperFuncTestStatus(20)	Status on function test, damper 20
150	1	Actual.DamperFuncTestStatus(21)	Status on function test, damper 21
151	1	Actual.DamperFuncTestStatus(22)	Status on function test, damper 22
152	1	Actual.DamperFuncTestStatus(23)	Status on function test, damper 23
153	1	Actual.DamperFuncTestStatus(24)	Status on function test, damper 24
154	1	Actual.DamperFuncTestStatus(25)	Status on function test, damper 25
155	1	Actual.DamperFuncTestStatus(26)	Status on function test, damper 26
156	1	Actual.DamperFuncTestStatus(27)	Status on function test, damper 27
157	1	Actual.DamperFuncTestStatus(28)	Status on function test, damper 28
158	1	Actual.DamperFuncTestStatus(29)	Status on function test, damper 29
159	1	Actual.DamperFuncTestStatus(30)	Status on function test, damper 30
160	1	Actual.DamperFuncTestStatus(31)	Status on function test, damper 31
161	1	Actual.DamperFuncTestStatus(32)	Status on function test, damper 32
162	1	Actual.DamperFuncTestStatus(33)	Status on function test, damper 33
163	1	Actual.DamperFuncTestStatus(34)	Status on function test, damper 34
164	1	Actual.DamperFuncTestStatus(35)	Status on function test, damper 35
165	1	Actual.DamperFuncTestStatus(36)	Status on function test, damper 36
166	1	Actual.DamperFuncTestStatus(37)	Status on function test, damper 37

167	1	Actual.DamperFuncTestStatus(38)	Status on function test, damper 38
168	1	Actual.DamperFuncTestStatus(39)	Status on function test, damper 39
169	1	Actual.DamperFuncTestStatus(40)	Status on function test, damper 40
170	1	Actual.DamperFuncTestStatus(41)	Status on function test, damper 41
171	1	Actual.DamperFuncTestStatus(42)	Status on function test, damper 42
172	1	Actual.DamperFuncTestStatus(43)	Status on function test, damper 43
173	1	Actual.DamperFuncTestStatus(44)	Status on function test, damper 44
174	1	Actual.DamperFuncTestStatus(45)	Status on function test, damper 45
175	1	Actual.DamperFuncTestStatus(46)	Status on function test, damper 46
176	1	Actual.DamperFuncTestStatus(47)	Status on function test, damper 47
177	1	Actual.DamperFuncTestStatus(48)	Status on function test, damper 48
178	1	Actual.DamperFuncTestStatus(49)	Status on function test, damper 49
179	1	Actual.DamperFuncTestStatus(50)	Status on function test, damper 50
180	1	Actual.DamperFuncTestStatus(51)	Status on function test, damper 51
181	1	Actual.DamperFuncTestStatus(52)	Status on function test, damper 52
182	1	Actual.DamperFuncTestStatus(53)	Status on function test, damper 53
183	1	Actual.DamperFuncTestStatus(54)	Status on function test, damper 54
184	1	Actual.DamperFuncTestStatus(55)	Status on function test, damper 55
185	1	Actual.DamperFuncTestStatus(56)	Status on function test, damper 56
186	1	Actual.DamperFuncTestStatus(57)	Status on function test, damper 57
187	1	Actual.DamperFuncTestStatus(58)	Status on function test, damper 58
188	1	Actual.DamperFuncTestStatus(59)	Status on function test, damper 59
189	1	Actual.DamperFuncTestStatus(60)	Status on function test, damper 60
190	10	Actual.SEFCurrSetp	SEF fan current setpoint
191	1	Actual.SEFFuncTestStatus	SEF function test status (0=no SEF fan, 1=Testing, 2=Failed, 3=Test Ok, 4=Test interrupted/no test made)
192	1	Actual.FuncTestNextTimeD	Date when next function test will be started
193	1	Actual.FuncTestNextTimeM	Month when next function test will be started
194	1	Actual.FuncTestNextTimeY	Year when next function test will be started (2dig)
195	1	Actual.FuncTestNextTimeMin	Minute when next function test will be started
196	1	Actual.FuncTestNextTimeH	Hour when next function test will be started
197	1	Actual.FuncTestTimeLeft	Time left to next function test, in minutes (32bits)
199	100	Actual.FuncTestTimeLeftDays	Time left to next function test, in days
200	1	Actual.FuncTestLastTimeD	Date when last function test was started
201	1	Actual.FuncTestLastTimeM	Month when last function test was started
202	1	Actual.FuncTestLastTimeY	Year when last function test was started (2dig)
203	1	Actual.FuncTestLastTimeMin	Minute when last function test was started
204	1	Actual.FuncTestLastTimeH	Hour when last function test was started
205	1	Actual.FuncTestDateStatus	Function date input test status, 0=Idle, 1=Bad, 2=Ok
206	1	Actual.AcknowledgeAlarmStatus	Acknow. Alarm func. status, 0=Idle, 1=Running, 2=OK, 3=Error





## Good Thinking

**Hos Lindab** er Good Thinking en filosofi, der styrer os i alt vi gør. Vi arbejder hver dag på at skabe et sundt indeklima og forenkle opførelsen af bæredygtige bygninger. Vi stræber efter at designe brugervenlige, innovative produkter og løsninger og sikre en effektiv logistik og tilgængelighed. Vi forsøger hele tiden at optimere vores virksomhed så vi kan reducere vores aftryk på miljøet og klimaet. Det gør vi ved at udvikle nye metoder til produktion af vores produkter og løsninger med brug af et minimum af energi og naturlige ressourcer og derved mindske de negative konsekvenser for miljøet. Vi anvender stål i vores produktion og stål er et af få materialer, der kan genanvendes et uendeligt antal gange, uden at dets egenskaber går tabt. Det medfører et lavere CO<sub>2</sub>-udslip i naturen og et mindre energispild.

**Vi forenkler byggeriet**