This appendix describes all the aspects of configuration, status and detail view.

All relevant items are also available as help text in the panel's touch screen.

Key to the signatures:

CONFIGURATION

The icon for configuration indicates where it is possible to configure. All connected components (motors, break glass units, keypads, weather station etc.) as well as motor lines, motor groups and smoke zones are to be configured.

The smoke ventilation panel comes with a factory set PIN for access level 3. To be able to configure the PIN shall be entered. See chapter about 'Log in'in the installation instruction.

STATUS / SHOW DETAILS

The status icon indicates the items that cannot be configured. These items are shown in order to provide information about the type of motor, type of input, type of output, the current opening degree etc

OPERATE

The Operate icon indicates the items where commands can be given

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1 Login

1 Configuration files, SD

1 Login   [Inst]

14 Configuration files, SD   [1..24]

15 Configuration files, USB   [All]

15 Configuration files, USB   [1..24]

0 System

Configuration

4   Motor line   [ALL]

Configuration

4 Motor line   [1..13]

PARAMETER:	DESCRIPTION:	
16 Motor type	Shows the type of the actual motor output.	
17 Expected no. of motors Displayed if motor type = MotorLink®	Specify the number of motors that are connected on this motor line (except locking motors (WMBs)) or if there are magnetic clamps. Choose between: None = no motors on the motor line, 1 = one motor (1 x -1), 2 = two motors (2 x -2), 3=three motors (3 x -3), 4=four motors (4 x -4). Magnetic clamp = the output has voltage until it is triggered by alarm. Not set = factory setting. 'Discover' (is used in two situations): 1. When the touchscreen informs that there is a discrepancy between the specified number of motors and the detected number of motors. Press 'Discover' to discover the number of connected motors on the line. the number will be displayed and the number can now be compared to the entered number of motors. 2. When the cable connection has been changed, if a motor has been changed or the number of motors has been changed.	

19 Motor configuration
 	
Displayed if motor type = ±24V motor
	Choose between:
	None = no motors connected on the motor line.
	No cable monitoring = the motors on the line has no cable monitoring.
	3 wire cable monitoring = with 3 wire cable monitoring (notice: the type is to be set in the next step).
	Magnetic clamp = the output has voltage until it is triggered by alarm.
	Magnetic clamp, 3 w. monitoring = magnetic clamp and cable monitoring.
	Not set = factory setting.
	
	OPTIONS:
	    None
	    No cable monitoring
	    3 wire cable monitoring
	    Magnetic clamp
	    Magnetic clamp, 3 w. surveillance
	    Not set
	    Pyrotechnic gas generator
	    Alarm output
	    Sun screening, WSA380
	    Heating valve
	    Sun screening
	    Cooling valve
	
	Factory default value: Not set	

79 Wire cable check type Displayed if 3 wire cable monitoring	Specify the type (WSA 423 or WSA 510) of the 3-wire cable check end module. **Factory default value:** 10kOhm resistors (WSA	
66 Stroke time Displayed if motor type = ±24V motor	Specify the time it takes the motor to run from fully closed position to fully open. **Factory default value:** 60 s	

131	**Louvre time**	Configures the time for a full louvre movement in milliseconds. This value is used to calculate the actual louvre position. **Factory default value:** #N/A	
21	**Motor group**	Specify the number of the motor group to which the motor line is to be associated with.. One or more motor lines can be associated to the same motor group. All the motor lines in the group will be operated at the same time on the break glass unit/keypads of the group. **Factory default value:** -	
18	**Expected no. of locking motors** Displayed if motor type = MotorLink®	Specify the number of locking motors (WMBs) that are connected on the motor line. If the number discrepancy the detected number a hardware error is displayed.	
37	**Manual speed** Displayed if motor type = MotorLink®	Specify the opening speed that the motor shall run at when operated manually on a keypad. The speed is a percentage of the max speed of the motor. **Factory default value:** 75%	
38	**Auto. speed** Displayed if motor type = MotorLink®	Specify the opening speed that the motor shall run at when automatic comfort ventilation. The speed is a percentage of the max speed of the motor. **Factory default value:** 30%	
40	**Manual command - default auto. off period**	Specify for how long the automatic/comfort priority is to be ignored after a manual action has been done e.g. an opening on the keypad. **Factory default value:** 30 min.	
43	**Retry during alarm**	Specify if the motors are to be reactivated for 30 minutes during a heat / smoke situation. Function as specified in EN12101-9, 5.2.1.5. **Factory default value:** No	
71	**Max. unexpected overcurent** Displayed if motor type = MotorLink®	Specify the number of times an overcurrent must be detected before the 0%-point of the motor is updated. When the motor position reaches fully open or fully closed the 'unexpected breaks' counter is reset. If the value is set to 0, the 0%-point will never be changed. It is recommended to set the value to 0 after the correct 0% point (closed) is found. **Factory default value:** 255	
90	**Max. unexpected overcurrent (motor)** Displayed if motor type = MotorLink®	Specify the number of times an overcurrent must be detected before the 0%-point of the motor is updated. When the motor position reaches fully open or fully closed the 'unexpected breaks' counter is reset. If the value is set to 0, the 0%-point will never be changed. It is recommended to set the value to 0 after the correct 0% point (closed) is found.	

92	**Sequential control type**	Configure the sequential control type None, open or close. When open or close is selected the sequential control becomes active. the parameters 'Position limitation', 'Invert' and 'Position logic' define the conditions under which the constrained motor line can move beyond the defined limitation.	
		Factory default value: None	
93	**Sequential control position limit**	Configures the position limitation when sequential control is active.	
		Factory default value: 0%	
102	**Sequential control position limit**	Configures the open / close position limitation when sequential control is active.	
		OPTIONS:	
		Closed 0%	
		Open 100%	
		Factory default value: Closed 0%	
94	**Sequential control with**	Configures what the Motor line is to control together with. Motor Line, Local input, KNX input, BACnet input or a delay timer.	
		Factory default value: Motor line	
95	**Sequential control with no**	Configures with which number the sequential control should work.	
		Factory default value: -	
96	**Sequential control position logic**	Configures if the sequential control is active if position is greater than or equal or less than or equal.	
		Factory default value: Greater than or equal	
97	**Sequential control position**	Configures the sequential control position threshold to compare the actual position of the controlled motor line with.	
		Factory default value: 0%	
103	**Sequential control position**	Configures the sequential control open / close position threshold with which the actual position of the sequential control motor line is compared with.	
		OPTIONS:	
		Closed 0%	
		Open 100%	
		Factory default value: Closed 0%	
98	**Sequential control invert** Displayed only if relevant	Configures if the state of the control input should be inverted.	
		Factory default value: No	
99	**Sequential control max. wait time**	Configures the maximal time a command is pending due to sequential control. If the timer runs out the window will continue its movement.	
		Factory default value: 0 s	

130	**Sequential control only continue after wait if fire**	Configures if a pending command only is executed after the wait timer expires if it is fire priority command.	
		Factory default value: Yes	
119	**Pos. limitation watchdog**	Configures which position limitation signals that are monitored. Maximum position and close from fieldbus (KNX or Modbus RTU), BACnet and Modbus TCP can be monitored. If a signal is not updated within the specified timeout the windows will be closed to the safety position. Default timeout is 20 minutes.	
		OPTIONS: None Max FB Close FB Max. BACnet Close BACnet	
		Factory default value: None	
129	**High priority open is 1st comfort priority**	Configures that 'high priority open' has the first comfort priority, i.e. higher than any position limitation (maximum positions or close).	
		Factory default value: Yes	

Configuration

3 Motor group [1..13]

PARAMETER:	DESCRIPTION:	
16 **Controlling smoke zone**	Specify the number of the smoke zone that controls the motor group. **Factory default value:** None	
27 **Smoke maximum position**	Specify the maximum allowed position during heat and smoke. This value will limit the position set by the smoke zone. Normally the value is set to 100%. For Standard actuators the position can only be 100% or 0%. **Factory default value:** 100%	
28 **Comfort maximum position**	Specify the maximum allowed position during manual or comfort. This value will limit the position set by manual or comfort commands. **Factory default value:** 100%	
29 **Comfort safety maximum position**	Specify the maximum position during manual or comfort when a safety input associated the motor group is active. **Factory default value:** 0%	
30 **Comfort wind maximum position**	Specify the maximum position during manual or comfort when the wind speed has exceeded the safety wind speed threshold. **Factory default value:** 0%	
56 **Window maximum position rain**	Window maximum position rain **Factory default value:** 0%	
31 **Comfort open position**	Specify the position that is used in the event, when a 'comfort-open' command is sent to the motor group. **Factory default value:** 15%	
43 **Comfort open close time**	Specify an optional time out to close the windows after a comfort open event. If 0 is specified the windows will not be closed automatically. **Factory default value:** 0 s	
32 **Comfort maximum wind speed**	Specify the safety wind speed threshold. If this limit is exceeded the position of the motor group is limited to the 'comfort safety maximum position'. If the value is set to 0 the wind speed safety function is disabled. **Factory default value:** 0.0 m/s	
36 **Use 'safety' from smoke zone**	Specify is the 'safety' signal from the smoke zone should be used in the motor group. **Factory default value:** Yes	

37	Wind directions, where to close during alarm	Specify the wind directions where the windows in the motor group should close during wind dependant heat & smoke ventilation. The direction interval is ±7 ° around the shown direction. **Factory default value:** None	
40	Alarm delay	Specify the delay activation of the motor lines after an alarm is received. 0s (0 sec.) = the alarm command is activated with no delay. **Factory default value:** 0 s	
42	Close at mains error	Specify if the motor group should be closed when a mains error becomes active. This is 30 minutes after missing mains voltage is detected. **Factory default value:** Yes	

Configuration

5   WSK-Link™   [ALL]

PARAMETER:		DESCRIPTION:	
17	Bus topology is ring	Specify if the bus topology of the break glass unit bus is closed (Yes) or not closed (No). If the setting is set to 'Yes' an error message will appear if the ring is broken. **Factory default value:** Yes	
25	Foreign outdoor temperature used in zones	Foreign outdoor temperature used in zones **Factory default value:** #N/A	
27	Send foreign outdoor temp. to AOnet	Configures which controllers on the AOnet to send foreign outdoor temperature to. **Factory default value:** None	
26	Send foreign outdoor temp. to foreign AOnet	Configures if the foreign outdoor temperature should be sent to the foreign AOnet. **Factory default value:** None	

Configuration

5 WSK-Link™ [1..30]

PARAMETER:	DESCRIPTION:	
16 Serial number	Shows the serial number for the connected break glass unit. The serial number is unique for this break glass unit and the serial number is also stated on the label of the break glass unit.	🔍
17 Associated smoke zone	Specify the smoke zone which the break glass unit shall operate. **Factory default value:** None	✎
37 Associated NV controller	Specify the number of the NV controller where the sensor values are to be used. **Factory default value:** None	✎
31 Use comfort inputs in smoke zone	Specify if the comfort inputs should be associated with the smoke zone. **Factory default value:** Yes	✎
23 Comfort motor group, input 1/2	Specify which motor group/groups that comfort keypad connected to sensor input 1/2 shall control. **Factory default value:** None	✎
93 Comfort motor group, input 3/4	Specify which motor group/groups that comfort keypad connected to sensor input 3/4 shall control. **Factory default value:** None	✎
55 Open input smoke zone	Specify which smoke zone/zones that comfort Open input shall control. **Factory default value:** None	✎
56 Open input function in smoke zones	Specify the function that the open input applies to the associated smoke zones. **Factory default value:** None	✎
58 Close input smoke zone	Specify which smoke zone / zones that comfort close input shall control. **Factory default value:** None	✎
59 Close input function in smoke zones	Specify the function that the close input applies to the associated smoke zones. **Factory default value:** None	✎
28 Br.glass unit+sensor one smoke zone	Specify if there is connected smoke sensor to the break glass unit and also specify if the smoke detector shall release the same smoke zone or another smoke zone. In case where ex. the break glass unit of the smoke zone shall release the opening of the windows in the facade and the smoke detector shall release the opening of the roof windows, the function is set to 'Other smoke zone' (it/they are selected afterwards). **Factory default value:** Not used	✎

29 Smoke sensor associated with smoke zone *Displayed only if smoke detector is assigned to specific smoke zone(s)*	Specify the smoke zone, that the break glass unit shall control. **Factory default value:** None	
51 Sensor 1 input config	Configures the external sensor input 1. **Factory default value:** #N/A	
52 Sensor 2 input config	Configures the external sensor input 2. **Factory default value:** #N/A	
53 Sensor input 3 config	Configures the external sensor input 3. **Factory default value:** #N/A	
54 Sensor input 4 config	Configures the external sensor input 4. **Factory default value:** #N/A	
49 Outdoor temperature	Outdoor temperature **Factory default value:** #N/A	

Configuration

2 Smoke zone   [ALL]

PARAMETER:	DESCRIPTION:	
22 Target smoke zones	Specify which smoke zone(s) a high temperature error shall control. **Factory default value:** 1 2 3 4 5 6 7 8 9 10 11 12 13	

23 Target smoke zone function	Specify which command a high temperature error in the panel should use in the smoke zones.
	Factory setting = 'Line A'.
	
	OPTIONS:
	    -
	    Line A
	    Line B
	    Line C
	    Line D
	    Line E
	    Line F
	
	Factory default value: Line A	

Configuration

2 Smoke zone   [1..13]

PARAMETER:	DESCRIPTION:	
25 Reset higher priority than break glass unit (Line A)	Specify if a reset should have higher priority than a triggered break glass unit (Line A alarm). **Factory default value:** No	
26 Buzzer active during alarm	Specify if the break glass unit shall buzz during alarm. **Factory default value:** Yes	
35 Controlled smoke zone	Specify which smoke zone / zones that this smoke zone should control. **Factory default value:** -	
87 Use input status in target smoke zone	Specify that the status of this smoke zone should apply to the target smoke zone(s). **Factory default value:** #N/A	
36 Function in target smoke zone Displayed only if the smoke zone is linked to one or more smoke zones.	Specify which function this smoke zone should apply to the target smoke zone(s). Also specify if the controlling smoke zone are to reset the controlled smoke zone. **Factory default value:** -	
39 Error generates alarm	Specify if an error in the smoke zone should trigger a smoke alarm in the smoke zone. **Factory default value:** No	

75 Latching	Specify, which Lines that have latching function, i.e. requires a Reset function to reset.
	
	OPTIONS:
	    Line B
	    Line C
	    Line D
	    Line E
	    Line F
	
	Factory default value: Line B	

76 Close after Alarm	Specify if the windows close automatically after an Alarm. This is done even if there is no mains power. **Factory default value:** Yes	
19 Line B (smoke detector) smoke opening pos.	Specify the opening percentage to which the motors shall open, when line B (e.g. smoke detector) is triggered. 100% = the windows will open fully when triggered. 0%=the windows will close fully when triggered. For Standard actuators the position can only be 100% or 0%. **Factory default value:** 100%	

73 Line E highest priority	Enable this to configure Line E to have the highest possible priority. Also higher than wind dependant opening position. Only to be used for fireman's override panels, with absolute first priority.	
	Factory default value: No	
74 Line F highest priority	Enable this to configure Line F to have the highest possible priority, also higher than Line E if this is set to highest priority. Also higher than wind dependant opening position. Only to be used for fireman's override panels, with absolute first priority.	
	Factory default value: No	
68 Use comfort commands	Specify if the comfort commands should control the motor groups of this smoke zone.	
	Factory default value: Yes	
69 Wind direction speed threshold	Specify the wind speed threshold for wind direction dependant heat & smoke strategy to be used. If the wind speed is lower than this limit when an alarm occurs, the window opening will not be dependant of the wind direction.	
	Factory default value: 1.0 m/s	

Configuration

6 Local input [Common]

Configuration

7 Local output [1..24]

PARAMETER:	DESCRIPTION:	
16 Output type	Shows the output type of the actual output.	
26 Output mode	Specify the output mode of the output. When 'Siren' is chosen it is assumed that a alarm signalling device is connected to the output. The siren can be stopped under 'Manual operation'. **Factory default value:** Binary output	
17 Controlled by smoke zones	Specify which smoke zones that controls the output. One or more smoke zones can be selected. The logic function that is applied between the smoke zones can be configured. **Factory default value:** -	
18 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones that controls the output. **Factory default value:** None	
19 Controlled by motor groups	Specify which motor groups that controls the output. One or more motor groups can be selected. The logic function that is applied between the motor groups can be configured. **Factory default value:** None	
20 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:** None	
30 Controlled by NV Controller	Specify which NV Controller that controls the output. One or more motor groups can be selected. The logic function that is applied between the motor groups can be configured. **Factory default value:** None	
31 NV Controller output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated NV Controller that controls the output. **Factory default value:** None	
21 Logic function Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:** OR	
22 Status when active Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result. **Factory default value:** On	

28 Smoke zone output functions	Specify the functions in the associated smoke zones, that controls the siren output.
	Factory default value: None

Configuration

6   Local input   [1..26]

PARAMETER:	DESCRIPTION:	
16 Input type	Shows the type of the selected input.	
25 Control smoke zones	Specify which smoke zone/zones the input shall control. The input can either control smoke zones or motor groups. When smoke zone is chosen the option for controlling motor groups is lost. **Factory default value:** -	
26 Function in controlled smoke zones Displayed only if the input is linked to one or more smoke zones.	Specify the function that the input applies to the associated smoke zones. **Factory default value:** -	
39 Inactive function in controlled smoke zones Displayed only if the input is linked to one or more smoke zones.	Specify the function that the input applies to the associated smoke zones, when it becomes inactive. **Factory default value:** None	
46 Control motor lines Displayed only if the input is binary	Specify which motor line(s) the input shall control. The input can either control smoke zones, motor groups or motor lines. When motor lines is chosen the options for controlling smoke zones and motor groups are lost. **Factory default value:** #N/A	
28 Control motor groups Displayed only if the input is binary	Specify which motor group(s) the input shall control. The input can either control smoke zones, motor groups or motor lines. When motor groups is chosen the option for controlling smoke zones and motor lines are lost. **Factory default value:** -	
47 Active function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors when it becomes active. **Factory default value:** #N/A	
29 Active function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors when it becomes active. **Factory default value:** -	
40 Active position	Specify the position that is sent to the motor group with the active function. **Factory default value:** 100%	
49 Inactive function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors, when it becomes inactive. **Factory default value:** None	

38 Inactive function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors, when it becomes inactive. **Factory default value:** None	
41 Inactive position	Specify the position that is sent to the motor group with the inactive function. **Factory default value:** 0%	
51 Use input in NV controller 'all' Displayed only if the input is linked to one or more motor group(s)	Configures if the input should be used to activate a function. **Factory default value:** #N/A	
52 Function in NV controller 'all' Displayed only if the input is linked to one or more motor group(s)	Configures the function. **Factory default value:** #N/A	
43 Control NV controllers	Specify which NV controller the input shall control. The input can either control smoke zones, motor groups or NV controller. **Factory default value:** #N/A	
44 Function in the NV controller	Specify the function the input has in the NV controller. **Factory default value:** #N/A	
48 Short output function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors after a short activation of the input. **Factory default value:** #N/A	
31 Short input function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors after a short activation of the input. **Factory default value:** -	
54 Short input function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated smoke zone after a short activation of the input. **Factory default value:** -	
22 Active state	Specify what logical state to use when the input is activated. **Factory default value:** On	
36 Thresholds configuration	Specify the thresholds for the input. Select between: Switch = is used for a simple switch with no surveillance. Type 1 = enables surveillance of broken cable (open circuit). Type 2 = enables surveillance of broken and short (circuit) cable. Manual = enables manual setting of thresholds. **Factory default value:** Switch	
21 Error state Displayed only if the input has Surveillance enabled	Specify which state the input shall take, when an error is present on the input. **Factory default value:** None	

Configuration

8 Weather

PARAMETER:	DESCRIPTION:	
16 Sensor type	Specify which type of weather station that is connected to the WSA 5MC (S2X3.2). Choose between: None = no sensor. WOW = WOW 201 wind speed sensor and WOW 202 wind direction sensor. WLA = WLA 340 wind speed sensor. WLA 330 and WLA 331 are not configured as weather stations but as a normal local input. **Factory default value:** #N/A	
22 Pulses/sec. per m/s Displayed when weather station type = WLA 340	Specify the number of pulses per second that corresponds to 1 m/s. If sensor type 'WLA 340' is used the value is 2. **Factory default value:** #N/A	
23 Filter constant	Specify the filter constant (tau) for the wind speed / wind direction. Wind speed and direction exists with two different filtrations. the time constant for the two different filtering's can be set individually. **Factory default value:** #N/A	
24 Slow filter constant	Specify the filter constant (tau) for the slow wind speed / slow wind direction. Wind speed and direction exists with two different filtrations. the time constant for the two different filtering's can be set individually. **Factory default value:** #N/A	
25 Use RMS in filter	Specify if root-mean-square (RMS) is used in the filter. **Factory default value:** #N/A	

Configuration

9 Power supply

Configuration

11 CAN

PARAMETER:	DESCRIPTION:	
16 MC ID	Configures the ID on the CAN bus of the local WSA 5MC.	

Configuration

11 Connected WSA 5MC [1..30]

Configuration

12   Network

PARAMETER:	DESCRIPTION:	
23 DHCP	Select 'Yes' to enable DHCP (automatic IP address) for the Ethernet interface (automatic IP address assignment). **Factory default value:** #N/A	
16 IP address Displayed only if DHCP disabled	Specify the IP address of the section. **Factory default value:** 00 00 00 00	
21 Subnet mask Displayed only if DHCP disabled	Specify the subnet mask of the 20A section. **Factory default value:** #N/A	
22 Default gateway Displayed only if DHCP disabled	Specify the default gateway of the 20A section. **Factory default value:** #N/A	
29 DNS 1	Configures the primary DNS server. **Factory default value:** 10 0 0 1	
30 DNS 2	Configures the secondary DNS server. **Factory default value:** 10 0 0 1	
17 Power setting	Specify the power settings for the network interface. Auto. = when 230V mains voltage the gate is automatically on. In battery mode, this is disabled to save power. ON = the network connection is always on. OFF = network connection deactivated. **Factory default value:** #N/A	

Configuration

10   Slots

Configuration

10   Slots   [1..5]

Configuration

13   Fieldbus   [Module]

Configuration

13   Fieldbus   [1..10]

PARAMETER:	DESCRIPTION:	
17 Direction	Shows the direction of the field bus link. **Factory default value:** #N/A	
18 Controlled motor groups Displayed only if object direction in input	Specify which motor group/groups the input shall control. The input can either control smoke zones or motor groups. When motor group is chosen the option for controlling smoke zones is lost. **Factory default value:** None	
19 Function in controlled motor groups Displayed only if object direction in input	Specify the function that the input applies to the associated motor groups. **Factory default value:** None	
21 Controlled by smoke zones Displayed only if object direction in output	Specify which smoke zones that controls the output. One or more smoke zones can be selected. The logic function that is applied between the smoke zones can be configured. **Factory default value:** None	
22 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones, that controls the output. **Factory default value:** None	
24 Controlled by motor groups Displayed only if object direction in output	Specify which motor groups that controls the output. One or more motor groups can be selected. the logic function that is applied between the motor groups can be configured. **Factory default value:** None	
25 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:** None	
27 Logic function Displayed only if object direction in output	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:** #N/A	
28 Status when active Displayed only if object direction in output	Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result. **Factory default value:** #N/A	
30 Inactive function in controlled motor groups	Specify the function that the input applies to the associated motor groups, when it becomes inactive. **Factory default value:** #N/A	

31	**Active position**	Specify the position that is sent to the motor group with the active function.	
		Factory default value: #N/A	
32	**Inactive position**	Specify the position that is sent to the motor group with the inactive function.	
		Factory default value: #N/A	

Configuration

16 BACnet   [Common]

PARAMETER:	DESCRIPTION:	
30 Enabled BACnet Displayed only if registered as 'foreign device'	Configure if BACnet IP and MS/TP is enabled. **Factory default value:** #N/A	
17 BACnet device instance	Specify the device instance of the BACnet server. **Factory default value:** #N/A	
16 BACnet IP UDP port number	Specify the UDP port for BACnet IP. The standard port is 47808. **Factory default value:** #N/A	
18 Actual position COV increment	Specify the COV increment for the actual position input objects. **Factory default value:** #N/A	
19 Actual max. position COV increment	Specify the COV increment for the actual maximum position input objects. **Factory default value:** #N/A	
20 Wind speed COV increment	Specify the COV increment for the wind speed input objects. **Factory default value:** #N/A	
21 Wind direction COV increment	Specify the COV increment for the wind direction input objects. **Factory default value:** #N/A	
26 Temperature COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for temperature input objects. **Factory default value:** #N/A	
27 Humidity COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for humidity input objects. **Factory default value:** #N/A	
28 CO2 COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for CO_2 input objects. **Factory default value:** #N/A	
29 Heating valve COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for heating valve input objects. **Factory default value:** #N/A	
22 Register as 'foreign device'	Specify if the 5MC must register as 'foreign device'. When enabled the 5MC will register as 'foreign device'. The registration interval is 1/3 of the 'time-to-live' time. **Factory default value:** #N/A	
23 IP address of 'BBMD' Displayed only if registered as 'foreign device'	Specify the IP address of the 'BBMD'. **Factory default value:** #N/A	

24	**BACnet UDP port of BBMD**	Specify the UDP port of the BBMD.

24 BACnet UDP port of BBMD

Displayed only if registered as 'foreign device'

Specify the UDP port of the BBMD.
The standard port is 47808.

Factory default value: #N/A

25 Register as 'foreign device' 'Time-to-Live' value

Displayed only if registered as 'foreign device'

Specify the 'Time-to-Live' value.
The 5MC will register with an interval of 1/3 of the 'time-to-live' time.
If the value is 0 the 5MC will only register once. the 'time-to-live' will be the 'grace period' of 30 seconds.

Factory default value: #N/A

Configuration

16 BACnet, object [1..10]

PARAMETER:	DESCRIPTION:	
17 Direction	Shows the direction of the field bus link. **Factory default value:** #N/A	
18 Control motor groups Displayed only if object direction in input	Specify which motor group(s) the input shall control. The input can either control smoke zones or motor groups. When motor group is chosen the option for controlling smoke zones is lost. **Factory default value:** None	
19 Function in controlled motor groups Displayed only if object direction in input	Specify the function that the input applies to the associated motor groups. **Factory default value:** None	
31 Active position	Specify the position that is sent to the motor group with the active function. **Factory default value:** #N/A	
30 Inactive function in controlled motor groups	Specify the function that the input applies to the associated motor groups, when it becomes inactive. **Factory default value:** #N/A	
32 Inactive position	Specify the position that is sent to the motor group with the inactive function. **Factory default value:** #N/A	
21 Controlled by smoke zones Displayed only if object direction in output	Specify which smoke zones that controls the output. One or more smoke zones can be selected. the logic function that is applied between the smoke zones can be configured. **Factory default value:** None	
22 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones, that controls the output. **Factory default value:** None	
24 Controlled by motor groups Displayed only if object direction in output	Specify which motor groups that controls the output. One or more motor groups can be selected. the logic function that is applied between the motor groups can be configured. **Factory default value:** None	
25 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:** None	
27 Logic function Displayed only if object direction in output	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:** #N/A	

28   Status when active

Displayed only if object direction in output

Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result.

Factory default value: #N/A

Configuration

   1   Login

Configuration

   1   Configuration files, SD

Configuration

   1   Login   [Inst]

Configuration

   14   Configuration files, SD   [1..24]

Configuration

   15   Configuration files, USB   [All]

Configuration

   15   Configuration files, USB   [1..24]

Configuration

0 System

PARAMETER:	DESCRIPTION:	
22 Language	Specify the language to be used in the touch screen. **Factory default value:** English	
78 Time zone	Sets the time zone for the controller.	
80 Temperature unit	Select the temperature unit used to display temperature values. Is also used for BACnet temperature values.	
56 The interval between service	Sets the interval between service. After this period is passed a message dialog will be shown and the yellow LED on the break glass units will flash. If the value is set to 0 the service interval function is disabled. **Factory default value:** 0 days	
46 Enable parameter set from network	Enable writing parameter values from ethernet If 'False' it is only possible to read parameter values from ethernet. **Factory default value:** Yes	
61 Enable remote control	Enable remote control of the system by using the WMaFlexiSmokeRemote PC program. **Factory default value:** No	

Status

4   Motor line   [1..13]

PARAMETER:	DESCRIPTION:	
60 No. of found motors Displayed only if the motor configuration does not correspond with the discovered motor status.	Shows the number of motors detected on the motor line.	
61 No. of found locking motors Displayed only if the motor configuration does not correspond with the discovered motor status.	Shows the actual number of locking motors (WMBs) detected on the motor line.	

Status

3   Motor group   [1..13]

Status

5   WSK-Link™   [ALL]

Status

5   WSK-Link™   [1..30]

PARAMETER:	DESCRIPTION:	
16 Serial number	Shows the serial number for the connected break glass unit. The serial number is unique for this break glass unit and the serial number is also stated on the label of the break glass unit.	

Status

2   Smoke zone   [ALL]

Status

2   Smoke zone   [1..13]

Status

6   Local input   [Common]

Status

7   Local output   [1..24]

Status

6 Local input   [1..26]

PARAMETER:	DESCRIPTION:	
16 Input type	Shows the type of the selected input.	

Status

8 Weather

Status

9 Power supply

Status

11 CAN

PARAMETER:	DESCRIPTION:	
16 MC ID	Configures the ID on the CAN bus of the local WSA 5MC.	

Status

11 Connected WSA 5MC   [1..30]

Status

12 Network

Status

10 Slots

Status

10 Slots   [1..5]

PARAMETER:	DESCRIPTION:	
16 Hardware type	Shows the actual hardware type of the module in the slot.	

Status

13 Fieldbus   [Module]

Status

13 Fieldbus   [1..10]

Status

16 BACnet   [Common]

Status

16 BACnet, object   [1..10]

Status

1 Login

Status

1 Configuration files, SD

Status

1 Login   [Inst]

Status

14 Configuration files, SD   [1..24]

Status

15 Configuration files, USB   [All]

Status

15 Configuration files, USB   [1..24]

Status

0 System

View all details

4 Motor line   [ALL]

View all details

4   Motor line   [1..13]

PARAMETER:	DESCRIPTION:	
16 Motor type	Shows the type of the actual motor output.	
17 Expected no. of motors Displayed if motor type = MotorLink®	Specify the number of motors that are connected on this motor line (except locking motors (WMBs)) or if there are magnetic clamps. Choose between: None = no motors on the motor line, 1 = one motor (1 x -1), 2 = two motors (2 x -2), 3=three motors (3 x -3), 4=four motors (4 x -4). Magnetic clamp = the output has voltage until it is triggered by alarm. Not set = factory setting. 'Discover' (is used in two situations): 1. When the touchscreen informs that there is a discrepancy between the specified number of motors and the detected number of motors. Press 'Discover' to discover the number of connected motors on the line. the number will be displayed and the number can now be compared to the entered number of motors. 2. When the cable connection has been changed, if a motor has been changed or the number of motors has been changed.	
60 No. of found motors Displayed only if the motor configuration does not correspond with the discovered motor status.	Shows the number of motors detected on the motor line.	
19 Motor configuration Displayed if motor type = ±24V motor	Choose between: None = no motors connected on the motor line. No cable monitoring = the motors on the line has no cable monitoring. 3 wire cable monitoring = with 3 wire cable monitoring (notice: the type is to be set in the next step). Magnetic clamp = the output has voltage until it is triggered by alarm. Magnetic clamp, 3 w. monitoring = magnetic clamp and cable monitoring. Not set = factory setting. **OPTIONS:** 　None 　No cable monitoring 　3 wire cable monitoring 　Magnetic clamp 　Magnetic clamp, 3 w. surveillance 　Not set 　Pyrotechnic gas generator 　Alarm output 　Sun screening, WSA380 　Heating valve 　Sun screening 　Cooling valve **Factory default value:** Not set	
79 Wire cable check type Displayed if 3 wire cable monitoring	Specify the type (WSA 423 or WSA 510) of the 3-wire cable check end module. **Factory default value:** 10kOhm resistors (WSA	

66	**Stroke time**	Specify the time it takes the motor to run from fully closed position to fully open.	
	Displayed if motor type = ±24V motor		
		Factory default value: 60 s	

182	**Min. step**	Specify the minimum step the output will be activated. Any step shorter than this will be extended to this value.	
		Factory default value: #N/A	

144	**Extended full stroke, close**	Configures the percentage that the stroke time is extended when performing a full close.	
		Factory default value: #N/A	

131	**Louvre time**	Configures the time for a full louvre movement in milliseconds. This value is used to calculate the actual louvre position.	
		Factory default value: #N/A	

134	**Louvre position after manual operation**	Configures the louvre position after a manual operation.	
		Factory default value: #N/A	

162	**Do not rerun louvre down**	Configures if the louvre is run in the 'down' direction even if the (estimated) actual louvre position is correct.	
		Factory default value: #N/A	

21	**Motor group**	Specify the number of the motor group to which the motor line is to be associated with.. One or more motor lines can be associated to the same motor group. All the motor lines in the group will be operated at the same time on the break glass unit/keypads of the group.	
		Factory default value: -	

33	**Comfort min. position**	Specify the minimum allowed position with comfort priority.	
		Factory default value: 0%	

35	**Smoke / heat max. pos.**	Specify the maximum allowed position with smoke / heat priority.	
	Displayed if motor type = MotorLink®		
		Factory default value: 100%	

34	**Comfort max. position**	Specify the maximum allowed position with comfort priority.	
		Factory default value: 100%	

147	**Step size open**	Configures the step size in the opening direction. 0 = 'Stop'.	
		Factory default value: #N/A	

148	**Step size close**	Configures the step size in the closing direction. 0 = 'Stop'.	
		Factory default value: #N/A	

29	**Disable auto. position**	Specify if the position is to be disabled with automatic/comfort priority.	
		Factory default value: No	

30	**Disable hand position**	Specify if the positions with manual priority is to be disabled.	
		Factory default value: No	
18	**Expected no. of locking motors** Displayed if motor type = MotorLink®	Specify the number of locking motors (WMBs) that are connected on the motor line. If the number discrepancy the detected number a hardware error is displayed.	
61	**No. of found locking motors** Displayed only if the motor configuration does not correspond with the discovered motor status.	Shows the actual number of locking motors (WMBs) detected on the motor line.	
36	**Smoke / heat speed** Displayed if motor type = MotorLink®	Specify the motor speed during smoke alarm. The speed is relative to the maximum speed of the motor type. **Factory default value:** 100%	
37	**Manual speed** Displayed if motor type = MotorLink®	Specify the opening speed that the motor shall run at when operated manually on a keypad. The speed is a percentage of the max speed of the motor. **Factory default value:** 75%	
38	**Auto. speed** Displayed if motor type = MotorLink®	Specify the opening speed that the motor shall run at when automatic comfort ventilation. The speed is a percentage of the max speed of the motor. **Factory default value:** 30%	
40	**Manual command - default auto. off period**	Specify for how long the automatic/comfort priority is to be ignored after a manual action has been done e.g. an opening on the keypad. **Factory default value:** 30 min.	
42	**Man. operation after auto. comm.**	Specify for how long time it should be possible to operate the motor group (e.g. on a keypad), after the system has given an automatic command (e.g. close). Within this period it is possible to operate manually e.g. to release a stocked person (human safety). If this feature is not needed the value is set to '0'. **Factory default value:** 30 s	
43	**Retry during alarm**	Specify if the motors are to be reactivated for 30 minutes during a heat / smoke situation. Function as specified in EN12101-9, 5.2.1.5. **Factory default value:** No	
76	**Open threshold**	Threshold used for the 'Open status'. If the actual position is higher than this value, the 'open' status is active. **Factory default value:** 95%	

71	Max. unexpected overcurent Displayed if motor type = MotorLink®	Specify the number of times an overcurrent must be detected before the 0%-point of the motor is updated. When the motor position reaches fully open or fully closed the 'unexpected breaks' counter is reset. If the value is set to 0, the 0%-point will never be changed. It is recommended to set the value to 0 after the correct 0% point (closed) is found. **Factory default value:** 255	
90	Max. unexpected overcurrent (motor) Displayed if motor type = MotorLink®	Specify the number of times an overcurrent must be detected before the 0%-point of the motor is updated. When the motor position reaches fully open or fully closed the 'unexpected breaks' counter is reset. If the value is set to 0, the 0%-point will never be changed. It is recommended to set the value to 0 after the correct 0% point (closed) is found.	
44	Cable monitoring	Specify if there is cable monitoring and/or magnetic clamp.	
72	Locking motor overcurrent is locked Displayed if motor type = MotorLink®	Only relevant for locking motor type WMB 0xM. Configure, if the locking motor should be concerned as 'locked', if an overcurrent is detected during locking before reaching the end-switch. **Factory default value:** No	
70	Retransmit time	Specify the retransmit interval time for sending unchanged values on the connected field bus module. **Factory default value:** 300 s	
89	Direction change delay time Displayed if motor type = ±24V motor	Direction change delay time **Factory default value:** 500 ms	
92	Sequential control type	Configure the sequential control type None, open or close. When open or close is selected the sequential control becomes active. the parameters 'Position limitation', 'Invert' and 'Position logic' define the conditions under which the constrained motor line can move beyond the defined limitation. **Factory default value:** None	
93	Sequential control position limit	Configures the position limitation when sequential control is active. **Factory default value:** 0%	

102	Sequential control position limit	Configures the open / close position limitation when sequential control is active.
		
		OPTIONS:
		    Closed 0%
		    Open 100%
		Factory default value: Closed 0%	

94	Sequential control with	Configures what the Motor line is to control together with. Motor Line, Local input, KNX input, BACnet input or a delay timer. **Factory default value:** Motor line	

95	**Sequential control with no**	Configures with which number the sequential control should work.	
		Factory default value: -	
96	**Sequential control position logic**	Configures if the sequential control is active if position is greater than or equal or less than or equal.	
		Factory default value: Greater than or equal	
97	**Sequential control position**	Configures the sequential control position threshold to compare the actual position of the controlled motor line with.	
		Factory default value: 0%	

103	**Sequential control position**	Configures the sequential control open / close position threshold with which the actual position of the sequential control motor line is compared with.
		
		OPTIONS:
		    Closed 0%
		    Open 100%
		
		Factory default value: Closed 0%	

98	**Sequential control invert** Displayed only if relevant	Configures if the state of the control input should be inverted. **Factory default value:** No	
99	**Sequential control max. wait time**	Configures the maximal time a command is pending due to sequential control. If the timer runs out the window will continue its movement. **Factory default value:** 0 s	
130	**Sequential control only continue after wait if fire**	Configures if a pending command only is executed after the wait timer expires if it is fire priority command. **Factory default value:** Yes	
104	**Reclose** Displayed if motor type = ±24V motor	Configures if a motor output that is considered to be closed (actual position 0%) should be reclosed (output activated in closed direction) when a close condition occurs. **Factory default value:** No	

119	**Pos. limitation watchdog**	Configures which position limitation signals that are monitored.
		Maximum position and close from fieldbus (KNX or Modbus RTU), BACnet and Modbus TCP can be monitored.
		If a signal is not updated within the specified timeout the windows will be closed to the safety position.
		Default timeout is 20 minutes.
		
		OPTIONS:
		    None
		    Max FB
		    Close FB
		    Max. BACnet
		    Close BACnet
		
		Factory default value: None	

120	**Pos. watchdog timeout**	Configures the position limitation watchdog timeout. If a signal is not updated within the specified timeout the windows will be closed to the safety position. **Factory default value:** 20 min.	✎
185	**Auto. position watchdog position**	Configures the position that is used for the output when the automatic position watchdog expires. **Factory default value:** #N/A	✎
115	**Keep motor line powered**	Level 4 parameter. **Factory default value:** No	✎
129	**High priority open is 1st comfort priority**	Configures that 'high priority open' has the first comfort priority, i.e. higher than any position limitation (maximum positions or close). **Factory default value:** Yes	✎
153	**Service threshold, full strokes**	Configures the number of full strokes for the service indication. **Factory default value:** #N/A	✎
62	**Motor hardware version** Displayed if motor type = MotorLink®	Shows the hardware versions of the connected motors.	🔍
64	**Motor software versions** Displayed if motor type = MotorLink®	Shows the firmware versions of the connected motors.	🔍
100	**Team size**	Shows the team size of the motors.	🔍
54	**Motor 1's serial number** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
55	**Motor 2's serial number** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
56	**Motor 3's serial number** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
57	**Motor 4's serial number** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
45	**Motor max. speed** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
50	**Locking motor config. flags** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
51	**Chain length** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
53	**Service position** Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
180	**Position scale**	Parameter of the motor (can not be changed).	🔍
63	**Locking motor hardware version** Displayed if motor type = MotorLink®	Shows the hardware versions of the connected locking motors (WMBs).	🔍

65 Locking motor software versions Displayed if motor type = MotorLink®	Shows the firmware versions of the connected locking motors (WMBs).	🔍
101 Locking motor team size Displayed if motor type = MotorLink®	Shows the team size of the locking motors.	🔍
58 Locking motor 1's serial number Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
59 Locking motor 2's serial number Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
46 Locking motor max. speed Displayed if motor type = MotorLink®	Parameter of the motor (can not be changed).	🔍
187 Synchronisation ramp high **187 Window height**	The height of the window, that is used in the NV air exchange rate calculations.	🔍
187 Synchronisation ramp high **187 Window height**	Configure the 'synchronisation ramp high' parameter.	🔍

View all details

3   Motor group   [1..13]

PARAMETER:	DESCRIPTION:	
16 Controlling smoke zone	Specify the number of the smoke zone that controls the motor group. **Factory default value:** None	
27 Smoke maximum position	Specify the maximum allowed position during heat and smoke. This value will limit the position set by the smoke zone. Normally the value is set to 100%. For Standard actuators the position can only be 100% or 0%. **Factory default value:** 100%	
28 Comfort maximum position	Specify the maximum allowed position during manual or comfort. This value will limit the position set by manual or comfort commands. **Factory default value:** 100%	
29 Comfort safety maximum position	Specify the maximum position during manual or comfort when a safety input associated the motor group is active. **Factory default value:** 0%	
30 Comfort wind maximum position	Specify the maximum position during manual or comfort when the wind speed has exceeded the safety wind speed threshold. **Factory default value:** 0%	
56 Window maximum position rain	Window maximum position rain **Factory default value:** 0%	
31 Comfort open position	Specify the position that is used in the event, when a 'comfort-open' command is sent to the motor group. **Factory default value:** 15%	
43 Comfort open close time	Specify an optional time out to close the windows after a comfort open event. If 0 is specified the windows will not be closed automatically. **Factory default value:** 0 s	
32 Comfort maximum wind speed	Specify the safety wind speed threshold. If this limit is exceeded the position of the motor group is limited to the 'comfort safety maximum position'. If the value is set to 0 the wind speed safety function is disabled. **Factory default value:** 0.0 m/s	
126 Comfort maximum wind speed, hysteresis	Specify the safety wind speed threshold hysteresis. The wind speed must be this much lower than the threshold for the function to be inactive. **Factory default value:** #N/A	

127	**Maximum wind speed time out**	Specify a time out for the maximum wind speed function. The function will remain active for this time after the windspeed is under the limit.	
		Factory default value: #N/A	
36	**Use 'safety' from smoke zone**	Specify is the 'safety' signal from the smoke zone should be used in the motor group.	
		Factory default value: Yes	
37	**Wind directions, where to close during alarm**	Specify the wind directions where the windows in the motor group should close during wind dependant heat & smoke ventilation. The direction interval is ±7 ° around the shown direction.	
		Factory default value: None	
40	**Alarm delay**	Specify the delay activation of the motor lines after an alarm is received. 0s (0 sec.) = the alarm command is activated with no delay.	
		Factory default value: 0 s	
42	**Close at mains error**	Specify if the motor group should be closed when a mains error becomes active. This is 30 minutes after missing mains voltage is detected.	
		Factory default value: Yes	
33	**Retransmit time**	Specify the retransmit interval time for sending unchanged values on the connected field bus module.	
		Factory default value: 300 s	

View all details

5 WSK-Link™ [ALL]

PARAMETER:	DESCRIPTION:	
17 Bus topology is ring	Specify if the bus topology of the break glass unit bus is closed (Yes) or not closed (No). If the setting is set to 'Yes' an error message will appear if the ring is broken. **Factory default value:** Yes	
28 Set 'Safety' if WSC offline	Configures if the 'Safety' should be set if the connected WSC 3xx is offline. **Factory default value:** None	
25 Foreign outdoor temperature used in zones	Foreign outdoor temperature used in zones **Factory default value:** #N/A	
27 Send foreign outdoor temp. to AOnet	Configures which controllers on the AOnet to send foreign outdoor temperature to. **Factory default value:** None	
26 Send foreign outdoor temp. to foreign AOnet	Configures if the foreign outdoor temperature should be sent to the foreign AOnet. **Factory default value:** None	

View all details

5   WSK-Link™   [1..30]

PARAMETER:	DESCRIPTION:	
16 Serial number	Shows the serial number for the connected break glass unit. The serial number is unique for this break glass unit and the serial number is also stated on the label of the break glass unit.	🔍
17 Associated smoke zone	Specify the smoke zone which the break glass unit shall operate. **Factory default value:** None	✏️
37 Associated NV controller	Specify the number of the NV controller where the sensor values are to be used. **Factory default value:** None	✏️
31 Use comfort inputs in smoke zone	Specify if the comfort inputs should be associated with the smoke zone. **Factory default value:** Yes	✏️
18 Threshold for open-circuit smoke sensor	Threshold for open-circuit smoke sensor **Factory default value:** 4	✏️
20 Threshold for active smoke sensor	Threshold for active smoke sensor **Factory default value:** 23	✏️
19 Threshold for short-circuit smoke sensor	Threshold for short-circuit smoke sensor **Factory default value:** 111	✏️
23 Comfort motor group, input 1/2	Specify which motor group/groups that comfort keypad connected to sensor input 1/2 shall control. **Factory default value:** None	✏️
93 Comfort motor group, input 3/4	Specify which motor group/groups that comfort keypad connected to sensor input 3/4 shall control. **Factory default value:** None	✏️
55 Open input smoke zone	Specify which smoke zone/zones that comfort Open input shall control. **Factory default value:** None	✏️
56 Open input function in smoke zones	Specify the function that the open input applies to the associated smoke zones. **Factory default value:** None	✏️
58 Close input smoke zone	Specify which smoke zone / zones that comfort close input shall control. **Factory default value:** None	✏️

#	Name	Description	
59	**Close input function in smoke zones**	Specify the function that the close input applies to the associated smoke zones. **Factory default value:** None	
28	**Br.glass unit+sensor one smoke zone**	Specify if there is connected smoke sensor to the break glass unit and also specify if the smoke detector shall release the same smoke zone or another smoke zone. In case where ex. the break glass unit of the smoke zone shall release the opening of the windows in the facade and the smoke detector shall release the opening of the roof windows, the function is set to 'Other smoke zone' (it/they are selected afterwards). **Factory default value:** Not used	
29	**Smoke sensor associated with smoke zone** Displayed only if smoke detector is assigned to specific smoke zone(s)	Specify the smoke zone, that the break glass unit shall control. **Factory default value:** None	
97	**CO2, offset**	Specify if the CO_2 from the sensor should be offset. **Factory default value:** #N/A	
51	**Sensor 1 input config**	Configures the external sensor input 1. **Factory default value:** #N/A	
52	**Sensor 2 input config**	Configures the external sensor input 2. **Factory default value:** #N/A	
53	**Sensor input 3 config**	Configures the external sensor input 3. **Factory default value:** #N/A	
54	**Sensor input 4 config**	Configures the external sensor input 4. **Factory default value:** #N/A	
49	**Outdoor temperature**	Outdoor temperature **Factory default value:** #N/A	
50	**Outdoor temperature used in zones**	Outdoor temperature used in zones **Factory default value:** #N/A	
26	**Type**	Shows the type of glass break unit.	

View all details

2 Smoke zone   [ALL]

PARAMETER:	DESCRIPTION:	
22 Target smoke zones	Specify which smoke zone(s) a high temperature error shall control. **Factory default value:** 1 2 3 4 5 6 7 8 9 10 11 12 13	

23 Target smoke zone function	Specify which command a high temperature error in the panel should use in the smoke zones.
	Factory setting = 'Line A'.
	
	OPTIONS:
	   -
	   Line A
	   Line B
	   Line C
	   Line D
	   Line E
	   Line F
	
	Factory default value: Line A	

View all details

2 Smoke zone   [1..13]

PARAMETER:	DESCRIPTION:	
25 Reset higher priority than break glass unit (Line A)	Specify if a reset should have higher priority than a triggered break glass unit (Line A alarm). **Factory default value:** No	
26 Buzzer active during alarm	Specify if the break glass unit shall buzz during alarm. **Factory default value:** Yes	
82 Buzzer active during error	Specify if the break glass unit shall buzz during error. **Factory default value:** Yes	
35 Controlled smoke zone	Specify which smoke zone / zones that this smoke zone should control. **Factory default value:** -	
87 Use input status in target smoke zone	Specify that the status of this smoke zone should apply to the target smoke zone(s). **Factory default value:** #N/A	
36 Function in target smoke zone Displayed only if the smoke zone is linked to one or more smoke zones.	Specify which function this smoke zone should apply to the target smoke zone(s). Also specify if the controlling smoke zone are to reset the controlled smoke zone. **Factory default value:** -	
81 Use errors from other smoke zone	Configures if smoke zone errors from other smoke zones should be used. **Factory default value:** -	
39 Error generates alarm	Specify if an error in the smoke zone should trigger a smoke alarm in the smoke zone. **Factory default value:** No	
75 Latching	Specify, which Lines that have latching function, i.e. requires a Reset function to reset. **OPTIONS:** Line B Line C Line D Line E Line F **Factory default value:** Line B	
76 Close after Alarm	Specify if the windows close automatically after an Alarm. This is done even if there is no mains power. **Factory default value:** Yes	

| 18 | Line A smoke opening pos. | Specify the opening percentage to which the motors shall open, when line A (e.g. break glass unit) is triggered.
100% = the windows will open fully when triggered.
0% = the windows will close completely when triggered. For Standard actuators the position can only be 100% or 0%.

Factory default value: 100% | |

| 19 | Line B (smoke detector) smoke opening pos. | Specify the opening percentage to which the motors shall open, when line B (e.g. smoke detector) is triggered.
100% = the windows will open fully when triggered.
0%=the windows will close fully when triggered. For Standard actuators the position can only be 100% or 0%.

Factory default value: 100% | |

| 20 | Line C smoke opening pos. | Specify the opening percentage to which the motors shall open, when line C is triggered.
100% = the windows will open fully.
0%=the windows will close fully. For Standard actuators the position can only be 100% or 0%

Factory default value: 100% | |

| 21 | Line D smoke opening pos. | Specify the opening percentage to which the motors shall open, when line D is triggered.
100% = the windows will open fully.
0%=the windows will close fully. For Standard actuators the position can only be 100% or 0%.

Factory default value: 0% | |

| 84 | Use Line E and F for WSK 510 | Specify if Line E and F are used for WSK 510 'fireman override'. Line E is for opening and Line F is for closing.

Factory default value: No | |

| 73 | Line E highest priority | Enable this to configure Line E to have the highest possible priority.
Also higher than wind dependant opening position.
Only to be used for fireman's override panels, with absolute first priority.

Factory default value: No | |

| 22 | Line E smoke opening pos. | Specify the opening percentage to which the motors shall open, when line E is triggered.
100% = the windows will open fully, 0%=the windows will close fully. For Standard actuators the position can only be 100% or 0%.

Factory default value: 100% | |

| 74 | Line F highest priority | Enable this to configure Line F to have the highest possible priority, also higher than Line E if this is set to highest priority.
Also higher than wind dependant opening position.
Only to be used for fireman's override panels, with absolute first priority.

Factory default value: No | |

23	Line F smoke opening pos.	Specify the opening percentage to which the motors shall open, when line F is triggered. 100% = the windows will open fully, 0%=the windows will close fully. For Standard actuators the position can only be 100% or 0%. **Factory default value:** 0%	
77	Signal override	Use special signal during override (Line E and F). Use flashing red LED and beeping buzzer on WSK 50x. **Factory default value:** No	
78	Enable 'lockout' during alarm	When the smoke zone goes into alarm state it will ignore higher priority alarms except Line E and F if configured as 'highest priority'. **Factory default value:** No	
41	No. of smoke detec. before alarm	Specify the number of smoke detectors that shall be triggered before an smoke alarm is triggered. **Factory default value:** 1	
28	Retransmit time	Specify the retransmit interval time for sending unchanged values on the connected field bus module. **Factory default value:** 300 s	
68	Use comfort commands	Specify if the comfort commands should control the motor groups of this smoke zone. **Factory default value:** Yes	
69	Wind direction speed threshold	Specify the wind speed threshold for wind direction dependant heat & smoke strategy to be used. If the wind speed is lower than this limit when an alarm occurs, the window opening will not be dependant of the wind direction. **Factory default value:** 1.0 m/s	

View all details

6   Local input   [Common]

View all details

7 Local output   [1..24]

PARAMETER:	DESCRIPTION:	
16 Output type	Shows the output type of the actual output.	
26 Output mode	Specify the output mode of the output. When 'Siren' is chosen it is assumed that a alarm signalling device is connected to the output. The siren can be stopped under 'Manual operation'. **Factory default value:**　　Binary output	
17 Controlled by smoke zones	Specify which smoke zones that controls the output. One or more smoke zones can be selected. The logic function that is applied between the smoke zones can be configured. **Factory default value:**　　-	
18 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones that controls the output. **Factory default value:**　　None	
19 Controlled by motor groups	Specify which motor groups that controls the output. One or more motor groups can be selected. The logic function that is applied between the motor groups can be configured. **Factory default value:**　　None	
20 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:**　　None	
30 Controlled by NV Controller	Specify which NV Controller that controls the output. One or more motor groups can be selected. The logic function that is applied between the motor groups can be configured. **Factory default value:**　　None	
31 NV Controller output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated NV Controller that controls the output. **Factory default value:**　　None	
21 Logic function Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:**　　OR	
22 Status when active Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result. **Factory default value:**　　On	

29 Active delay Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify an optional active delay. If the value is higher than 0, the output will be activated after the specified on time. If the value is 0, there is no time delay. The factory settings 0 sec. **Factory default value:** 0 s
23 Inactive delay Displayed only if the output is linked to one or more smoke zones or motor group(s)	Specify an optional inactive time out. If the value is higher than 0, the output will be inactive after the specified time. If the value is 0, there is no time out. The factory settings 0 sec. **Factory default value:** 0 s
28 Smoke zone output functions	Specify the functions in the associated smoke zones, that controls the siren output. **Factory default value:** None

View all details

6 Local input   [1..26]

PARAMETER:	DESCRIPTION:	
16 Input type	Shows the type of the selected input.	
42 Enable input	Enables the input. If not enabled the motor group and smoke zone output are 0. **Factory default value:** Yes	
25 Control smoke zones	Specify which smoke zone/zones the input shall control. The input can either control smoke zones or motor groups. When smoke zone is chosen the option for controlling motor groups is lost. **Factory default value:** -	
26 Function in controlled smoke zones Displayed only if the input is linked to one or more smoke zones.	Specify the function that the input applies to the associated smoke zones. **Factory default value:** -	
39 Inactive function in controlled smoke zones Displayed only if the input is linked to one or more smoke zones.	Specify the function that the input applies to the associated smoke zones, when it becomes inactive. **Factory default value:** None	
46 Control motor lines Displayed only if the input is binary	Specify which motor line(s) the input shall control. The input can either control smoke zones, motor groups or motor lines. When motor lines is chosen the options for controlling smoke zones and motor groups are lost. **Factory default value:** #N/A	
28 Control motor groups Displayed only if the input is binary	Specify which motor group(s) the input shall control. The input can either control smoke zones, motor groups or motor lines. When motor groups is chosen the option for controlling smoke zones and motor lines are lost. **Factory default value:** -	
47 Active function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors when it becomes active. **Factory default value:** #N/A	
29 Active function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors when it becomes active. **Factory default value:** -	
40 Active position	Specify the position that is sent to the motor group with the active function. **Factory default value:** 100%	

49 Inactive function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors, when it becomes inactive. **Factory default value:** None	
38 Inactive function on controlled motors Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors, when it becomes inactive. **Factory default value:** None	
41 Inactive position	Specify the position that is sent to the motor group with the inactive function. **Factory default value:** 0%	
51 Use input in NV controller 'all' Displayed only if the input is linked to one or more motor group(s)	Configures if the input should be used to activate a function. **Factory default value:** #N/A	
52 Function in NV controller 'all' Displayed only if the input is linked to one or more motor group(s)	Configures the function. **Factory default value:** #N/A	
43 Control NV controllers	Specify which NV controller the input shall control. The input can either control smoke zones, motor groups or NV controller. **Factory default value:** #N/A	
44 Function in the NV controller	Specify the function the input has in the NV controller. **Factory default value:** #N/A	
30 Short press time Displayed only if the input is linked to one or more motor group(s)	Specify the time for a short activation of the input. If the activation is shorter than this time the short output function is applied. **Factory default value:** 500 ms	
55 Idle time out Displayed only if the input is linked to one or more motor group(s)	Specify the time after a short activation of the input where the hand commands to the smoke zone is set to idle. **Factory default value:** 2000 ms	
48 Short output function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors after a short activation of the input. **Factory default value:** #N/A	
31 Short input function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated motors after a short activation of the input. **Factory default value:** -	
54 Short input function Displayed only if the input is linked to one or more motor group(s)	Specify the function that the input applies to the associated smoke zone after a short activation of the input. **Factory default value:** -	
22 Active state	Specify what logical state to use when the input is activated. **Factory default value:** On	

36 Thresholds configuration	Specify the thresholds for the input. Select between: Switch = is used for a simple switch with no surveillance. Type 1 = enables surveillance of broken cable (open circuit). Type 2 = enables surveillance of broken and short (circuit) cable. Manual = enables manual setting of thresholds. **Factory default value:** Switch	
18 Threshold: open-circuit error Displayed only if the input has Surveillance enabled	Specify the threshold level for detecting an open-circuit error. If the input level is higher than this value, the input is considered as interrupted and an error will be indicated. By setting the value to 22000 mV or higher, the open-circuit error detection is disabled.	
19 Threshold: Active input	Specify the threshold level for detecting an active input. If the input level is lower than this value, the input is active.	
20 Threshold: Short-circuit error Displayed only if the input has Surveillance enabled	Specify the threshold level for detecting a wire short-circuit error. If the input level is lower than this value the input is considered as short-circuited and a hardware error is indicated. By setting the value to 0, the short-circuit error detection is disabled.	
21 Error state Displayed only if the input has Surveillance enabled	Specify which state the input shall take, when an error is present on the input. **Factory default value:** None	

View all details

8 Weather

PARAMETER:	DESCRIPTION:	
16 Sensor type	Specify which type of weather station that is connected to the WSA 5MC (S2X3.2). Choose between: None = no sensor. WOW = WOW 201 wind speed sensor and WOW 202 wind direction sensor. WLA = WLA 340 wind speed sensor. WLA 330 and WLA 331 are not configured as weather stations but as a normal local input. Factory default value: #N/A	
22 Pulses/sec. per m/s Displayed when weather station type = WLA 340	Specify the number of pulses per second that corresponds to 1 m/s. If sensor type 'WLA 340' is used the value is 2. Factory default value: #N/A	
23 Filter constant	Specify the filter constant (tau) for the wind speed / wind direction. Wind speed and direction exists with two different filtrations. the time constant for the two different filtering's can be set individually. Factory default value: #N/A	
24 Slow filter constant	Specify the filter constant (tau) for the slow wind speed / slow wind direction. Wind speed and direction exists with two different filtrations. the time constant for the two different filtering's can be set individually. Factory default value: #N/A	
25 Use RMS in filter	Specify if root-mean-square (RMS) is used in the filter. Factory default value: #N/A	
26 Retransmit time	Specify the retransmit interval time for sending unchanged values on the connected field bus module. Factory default value: #N/A	
27 Data unchanged timeout	Specify number of hours when unchanged data is considered an error. If wind speed or wind direction have not changed for this number of hours and error is generated. Factory default value: #N/A	

View all details

9   Power supply

PARAMETER:	DESCRIPTION:	
37 Cable check interval	Specify the time between cable check. 0 disables cable test. **Factory default value:** #N/A	
38 Mains off error time	Specify the time before a mains warning turns into a mains error. **Factory default value:** #N/A	

View all details

11   CAN

PARAMETER:	DESCRIPTION:	
16 MC ID	Configures the ID on the CAN bus of the local WSA 5MC.	

View all details

11   Connected WSA 5MC   [1..30]

View all details

12   Network

PARAMETER:	DESCRIPTION:	
23 DHCP	Select 'Yes' to enable DHCP (automatic IP address) for the Ethernet interface (automatic IP address assignment). **Factory default value:** #N/A	
16 IP address Displayed only if DHCP disabled	Specify the IP address of the section. **Factory default value:** 00 00 00 00	
21 Subnet mask Displayed only if DHCP disabled	Specify the subnet mask of the 20A section. **Factory default value:** #N/A	
22 Default gateway Displayed only if DHCP disabled	Specify the default gateway of the 20A section. **Factory default value:** #N/A	
29 DNS 1	Configures the primary DNS server. **Factory default value:** 10 0 0 1	
30 DNS 2	Configures the secondary DNS server. **Factory default value:** 10 0 0 1	
17 Power setting	Specify the power settings for the network interface. Auto. = when 230V mains voltage the gate is automatically on. In battery mode, this is disabled to save power. ON = the network connection is always on. OFF = network connection deactivated. **Factory default value:** #N/A	

View all details

10   Slots

PARAMETER:	DESCRIPTION:	
17 Enable internet updates Displayed only if module type has changed	Enable updated from internet. **Factory default value:** #N/A	
18 Internet update interval Displayed only if module type has changed	(Only shown in 'level 4' login level). **Factory default value:** #N/A	

View all details

10   Slots   [1..5]

PARAMETER:	DESCRIPTION:	
16 Hardware type	Shows the actual hardware type of the module in the slot.	

View all details

13 Fieldbus   [Module]

PARAMETER:	DESCRIPTION:	
18 Power setting	Specify the power settings for the field bus interface. 'Auto' means that the module is powered off if there is no mains power. 'On' means that the module is always on. 'Off' means that the module is always off.	🔍

View all details

13   Fieldbus   [1..10]

PARAMETER:	DESCRIPTION:	
17 Direction	Shows the direction of the field bus link. **Factory default value:** #N/A	
18 Controlled motor groups Displayed only if object direction in input	Specify which motor group/groups the input shall control. The input can either control smoke zones or motor groups. When motor group is chosen the option for controlling smoke zones is lost. **Factory default value:** None	
19 Function in controlled motor groups Displayed only if object direction in input	Specify the function that the input applies to the associated motor groups. **Factory default value:** None	
21 Controlled by smoke zones Displayed only if object direction in output	Specify which smoke zones that controls the output. One or more smoke zones can be selected. The logic function that is applied between the smoke zones can be configured. **Factory default value:** None	
22 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones, that controls the output. **Factory default value:** None	
24 Controlled by motor groups Displayed only if object direction in output	Specify which motor groups that controls the output. One or more motor groups can be selected. the logic function that is applied between the motor groups can be configured. **Factory default value:** None	
25 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:** None	
27 Logic function Displayed only if object direction in output	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:** #N/A	
28 Status when active Displayed only if object direction in output	Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result. **Factory default value:** #N/A	
29 Retransmit time	Specify the retransmit interval time for sending unchanged values on the field bus. 0 = disables retransmission of unchanged values. **Factory default value:** #N/A	

30	**Inactive function in controlled motor groups**	Specify the function that the input applies to the associated motor groups, when it becomes inactive.
		Factory default value: #N/A
31	**Active position**	Specify the position that is sent to the motor group with the active function.
		Factory default value: #N/A
32	**Inactive position**	Specify the position that is sent to the motor group with the inactive function.
		Factory default value: #N/A

View all details

16 BACnet [Common]

PARAMETER:	DESCRIPTION:	
30 Enabled BACnet Displayed only if registered as 'foreign device'	Configure if BACnet IP and MS/TP is enabled. **Factory default value:** #N/A	
17 BACnet device instance	Specify the device instance of the BACnet server. **Factory default value:** #N/A	
16 BACnet IP UDP port number	Specify the UDP port for BACnet IP. The standard port is 47808. **Factory default value:** #N/A	
18 Actual position COV increment	Specify the COV increment for the actual position input objects. **Factory default value:** #N/A	
19 Actual max. position COV increment	Specify the COV increment for the actual maximum position input objects. **Factory default value:** #N/A	
20 Wind speed COV increment	Specify the COV increment for the wind speed input objects. **Factory default value:** #N/A	
21 Wind direction COV increment	Specify the COV increment for the wind direction input objects. **Factory default value:** #N/A	
26 Temperature COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for temperature input objects. **Factory default value:** #N/A	
27 Humidity COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for humidity input objects. **Factory default value:** #N/A	
28 CO2 COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for CO_2 input objects. **Factory default value:** #N/A	
29 Heating valve COV increment Displayed only if registered as 'foreign device'	Specify the COV increment for heating valve input objects. **Factory default value:** #N/A	
22 Register as 'foreign device'	Specify if the 5MC must register as 'foreign device'. When enabled the 5MC will register as 'foreign device'. The registration interval is 1/3 of the 'time-to-live' time. **Factory default value:** #N/A	
23 IP address of 'BBMD' Displayed only if registered as 'foreign device'	Specify the IP address of the 'BBMD'. **Factory default value:** #N/A	

| 24 | **BACnet UDP port of BBMD** | Specify the UDP port of the BBMD. |
| | Displayed only if registered as 'foreign device' | The standard port is 47808. |

Factory default value: #N/A

| 25 | **Register as 'foreign device' 'Time-to-Live' value** | Specify the 'Time-to-Live' value. |
| | Displayed only if registered as 'foreign device' | The 5MC will register with an interval of 1/3 of the 'time-to-live' time. If the value is 0 the 5MC will only register once. the 'time-to-live' will be the 'grace period' of 30 seconds. |

Factory default value: #N/A

View all details

16 BACnet, object [1..10]

PARAMETER:	DESCRIPTION:	
17 Direction	Shows the direction of the field bus link. **Factory default value:** #N/A	
18 Control motor groups Displayed only if object direction in input	Specify which motor group(s) the input shall control. The input can either control smoke zones or motor groups. When motor group is chosen the option for controlling smoke zones is lost. **Factory default value:** None	
19 Function in controlled motor groups Displayed only if object direction in input	Specify the function that the input applies to the associated motor groups. **Factory default value:** None	
31 Active position	Specify the position that is sent to the motor group with the active function. **Factory default value:** #N/A	
30 Inactive function in controlled motor groups	Specify the function that the input applies to the associated motor groups, when it becomes inactive. **Factory default value:** #N/A	
32 Inactive position	Specify the position that is sent to the motor group with the inactive function. **Factory default value:** #N/A	
21 Controlled by smoke zones Displayed only if object direction in output	Specify which smoke zones that controls the output. One or more smoke zones can be selected. the logic function that is applied between the smoke zones can be configured. **Factory default value:** None	
22 Smoke zone output functions Displayed only if the output is linked to one or more smoke zones.	Specify the functions in the smoke zones, that controls the output. **Factory default value:** None	
24 Controlled by motor groups Displayed only if object direction in output	Specify which motor groups that controls the output. One or more motor groups can be selected. the logic function that is applied between the motor groups can be configured. **Factory default value:** None	
25 Motor group output function Displayed only if the output is linked to one or more motor group(s)	Specify the function in the associated motor groups that controls the output. **Factory default value:** None	
27 Logic function Displayed only if object direction in output	Specify the logic function that is applied between the smoke zones or motor groups. **Factory default value:** #N/A	

28 Status when active Displayed only if object direction in output	Specify if an active output result should result in the physical output being 'on' or 'off'. this can be used to invert the output result. **Factory default value:** #N/A	
29 Retransmit time	Specify the retransmit interval time for sending unchanged values on the field bus. 0 disables retransmission of unchanged values.	

View all details

   1   Login

View all details

   1   Configuration files, SD

View all details

   1   Login   [Inst]

View all details

   14   Configuration files, SD   [1..24]

View all details

   15   Configuration files, USB   [All]

PARAMETER:	DESCRIPTION:	
17 Power setting	Specify the power settings for the USB interface. Auto. = when 230V mains voltage the gate is automatically on. In battery mode, this is disabled to save power. ON = the USB connection is always on. OFF = USB connection deactivated. **Factory default value:** #N/A	

View all details

   15   Configuration files, USB   [1..24]

View all details

0   System

PARAMETER:	DESCRIPTION:	
22 Language	Specify the language to be used in the touch screen. **Factory default value:** English	
78 Time zone	Sets the time zone for the controller.	
80 Temperature unit	Select the temperature unit used to display temperature values. Is also used for BACnet temperature values.	
56 The interval between service	Sets the interval between service. After this period is passed a message dialog will be shown and the yellow LED on the break glass units will flash. If the value is set to 0 the service interval function is disabled. **Factory default value:** 0 days	
65 Disable acoustic service indication	Configures that the panel will not give an acoustic indication when it is time for service. Only a visual notification is shown. **Factory default value:** No	
46 Enable parameter set from network	Enable writing parameter values from ethernet If 'False' it is only possible to read parameter values from ethernet. **Factory default value:** Yes	
61 Enable remote control	Enable remote control of the system by using the WMaFlexiSmokeRemote PC program. **Factory default value:** No	
62 Remote control TCP port	Configures the TCP port used for remote control. The default port no. is 55555. **Factory default value:** 55555	
30 Show disabled instances	Specify if disabled / non-existing items should be shown in the overview lists. **Factory default value:** No	
50 Enable 'no accumulator'	Enable running the system without accumulator. **Factory default value:** No	