

**BACnet Protocol Implementation Conformance Statement**

**Date:** 18 June 2026  
**Vendor Name:** WindowMaster International A/S  
**Product Name:** CompactSmoke™ / Comfort  
**Product Model Number:** WSC 3xx / WCC 3xx NVE  
**Firmware Revision:** v1  
**BACnet Protocol Version:** 1  
**BACnet Protocol Revision:** 22

**Product Description:**

This PICS covers WindowMaster’s CompactSmoke™ series of smoke control panels (WSC 3xx) and the comfort series control panels (WCC 3xx) with NV Embedded.

The WxC 3xx include a LCD with touch used to manipulate relevant device parameters such as BACnet Device ID’s, UDP port number, baud rate and Max\_Master.

The WxC 3xx can be configured with a motor module. The BACnet objects support the maximum configuration of 10 motor lines. For those objects where the motor module is not present will the object be indicated Out Of Service.

**BACnet Standardized Device Profile (Annex L):**

- BACnet Operator Workstation (B-OWS)
- BACnet Building Controller (B-BC)
- BACnet Advanced Application Controller (B-AAC)
- BACnet Application Specific Controller (B-ASC)
- BACnet Smart Sensor (B-SS)
- BACnet Smart Actuator (B-SA)

**BACnet Interoperability Building Blocks Supported (Annex K):**

| <b>BIBB</b> | <b>Description</b>                             |
|-------------|--|
| DS-RP-B     | Data Sharing – ReadProperty - B                |
| DS-RPM-B    | Data Sharing – ReadPropertyMultiple - B        |
| DS-WP-B     | Data Sharing – WriteProperty - B               |
| DS-COV-B    | Data Sharing – Change of value – B             |
| DM-DDB-B    | Device Management – Dynamic Device Binding – B |
| DM-DOB-B    | Device Management – Dynamic Object Binding – B |

**Segmentation Capability:**

- Segmented requests supported      Window Size \_\_\_\_\_
- Segmented responses supported      Window Size 1 - 127

**Standard Object Types Supported:**

Object instantiation is static; i.e. objects cannot be created or deleted. Refer to table at end of this document for object details.

| Property                        | Device | Analog |     |       | Binary |     |       | BitString (In) |
|---------------------------------|--------|--------|-----|-------|--------|-----|-------|----------------|
|                                 |        | In     | Out | Value | In     | Out | Value |                |
| Object Identifier               | R      | R      | R   | R     | R      | R   | R     | R              |
| Object Name                     | R      | R      | R   | R     | R      | R   | R     | R              |
| Object Type                     | R      | R      | R   | R     | R      | R   | R     | R              |
| Description                     | R      | R      | R   | R     | R      | R   | R     | R              |
| System Status                   | R      |        |     |       |        |     |       |                |
| Vendor Name                     | R      |        |     |       |        |     |       |                |
| Vendor Identifier               | R      |        |     |       |        |     |       |                |
| Model Name                      | R      |        |     |       |        |     |       |                |
| Firmware Revision               | R      |        |     |       |        |     |       |                |
| Application Software Version    | R      |        |     |       |        |     |       |                |
| Protocol Version                | R      |        |     |       |        |     |       |                |
| Protocol Revision               | R      |        |     |       |        |     |       |                |
| Protocol Services Supported     | R      |        |     |       |        |     |       |                |
| Protocol Object Types Supported | R      |        |     |       |        |     |       |                |
| Object List                     | R      |        |     |       |        |     |       |                |
| Max APDU Length                 | R      |        |     |       |        |     |       |                |
| Segmentation Support            | R      |        |     |       |        |     |       |                |
| APDU Timeout                    | R      |        |     |       |        |     |       |                |
| Number APDU Retries             | R      |        |     |       |        |     |       |                |
| Device Address Binding          | R      |        |     |       |        |     |       |                |
| Database Revision               | R      |        |     |       |        |     |       |                |
| Active COV Subscriptions        | R      |        |     |       |        |     |       |                |
| Max master <sup>1</sup>         | R      |        |     |       |        |     |       |                |
| Max Info Frames <sup>1</sup>    | R      |        |     |       |        |     |       |                |
| Present Value                   |        | R      | W   | W     | R      | W   | W     | R              |
| Status Flags                    |        | R      | R   | R     | R      | R   | R     | R              |
| Event State                     |        | R      | R   | R     | R      | R   | R     | R              |
| Reliability                     |        | R      |     | R     | R      |     |       | R              |
| Out Of Service                  |        | R      | R   | R     | R      | R   | R     | R              |
| Units                           |        | R      | R   | R     |        |     |       |                |
| Min Pres Value                  |        | R      | R   | R     |        |     |       |                |
| Max Pres Value                  |        | R      | R   | R     |        |     |       |                |
| Priority Array                  |        |        | R   |       |        | R   |       |                |
| Relinquish Default              |        |        | R   |       |        | R   |       |                |
| COV Increments                  |        | R      |     | R     |        |     |       |                |
| Polarity                        |        |        |     |       | R      | R   |       |                |
| Inactive Text                   |        |        |     |       | R      | R   |       |                |
| Active Text                     |        |        |     |       | R      | R   |       |                |
| Bit Text                        |        |        |     |       |        |     |       | R              |

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<sup>1</sup> Only MS/TP

**Analog Output Objects Instance Summary:**

| ID        | Objects Name                            | Description  | Unit    | Present Value Access |
|-----------|---|--|---------|----------------------|
| AO 1..10  | Max_position_motor_group_1..10          | Sets the maximum allowed position for motor group <n>          | Percent | C                    |
| AO 11..20 | Auto_position_motor_group_1..10         | Sets the target position with auto speed for motor group <n>   | Percent | C                    |
| AO 21..22 | Max_position_motor_line_S1_X1..2        | Sets the maximum allowed position for motor line S1 X<n>       | Percent | C                    |
| AO 23..30 | Max_position_motor_line_S2_X1..8        | Sets the maximum allowed position for motor line S2 X<n>       | Percent | C                    |
| AO 31..32 | Auto_position_motor_line_S1_X1..2       | Set the target position of motor line S1 X<n> using auto speed | Percent | C                    |
| AO 33..40 | Auto_position_motor_line_S2_X1..8       | Set the target position of motor line S2 X<n> using auto speed | Percent | C                    |
| AO 41..50 | Minimum_position_motor_group_1..10      | Set the minimum position of motor group <n>                    | Percent | C                    |
| AO 51..52 | Blind_slat_position_motor_line_S1_X1..2 | Set the blind slat angle on motor line S1 X<n>                 | Percent | C                    |
| AO 53..60 | Blind_slat_position_motor_line_S2_X1..8 | Set the blind slat angle on motor line S2 X<n>                 | Percent | C                    |

**Analog Input Objects Instance Summary:**

| ID        | Objects Name                                     | Description  | Unit    | Present Value Access |
|-----------|--|--|---------|----------------------|
| AI 1..2   | Actual_position_motor_line_S1_X1..2              | Contains the actual position for line S1 X<n>                | Percent | R, COV               |
| AI 3..10  | Actual_position_motor_line_S2_X1..8              | Contains the actual position for line S2 X<n>                | Percent | R, COV               |
| AI 11..12 | Actual_max_position_motor_line_S1_X1..2          | Contains the actual max position for motor line S1 X<n>      | Percent | R, COV               |
| AI 13..20 | Actual_max_position_motor_line_S2_X1..8          | Contains the actual max position for motor line S2 X<n>      | Percent | R, COV               |
| AI 21..30 | Alarm_wind_direction_smoke_zone_1..10            | Contains the actual alarm wind direction for smoke zone <n>  |         | R, COV               |
| AI 31     | Building_mode                                    | Contains the building mode                                   |         | R, COV               |
| AI 32..41 | Temperature_in_NV_controller_1..10               | Actual temperature in NV controller <n>                      | °C / °F | R, COV               |
| AI 42..51 | CO2_in_NV_controller_1..10                       | Actual CO <sub>2</sub> level in NV controller <n>            | ppm     | R, COV               |
| AI 52..61 | Relative_humidity_in_NV_controller_1..10         | Actual relative humidity level in NV controller <n>          | Percent | R, COV               |
| AI 62..71 | NV_Actual_ventilation_temperature_setpoint_1..10 | Actual ventilation temperature setpoint in NV controller <n> | °C / °F | R, COV               |
| AI 72..81 | NV_Actual_heating_temperature_setpoint_1..10     | Actual heating temperature setpoint in NV controller <n>     | °C / °F | R, COV               |

| ID          | Objects Name                                    | Description  | Unit             | Present Value Access |
|-------------|---|--|------------------|----------------------|
| AI 82..91   | NV_Ventilation_status_1..10                     | Actual ventilation status in NV controller <n><br>0 = Uninitialised<br>1 = Closed<br>2 = Closed, all data missing<br>3 = Closed, bad weather<br>4 = Closed, only weather data missing<br>5 = Closed, warm outdoor conditions<br>6 = Closed, low indoor temperature<br>7 = Hand only<br>8 = Hand only, input data missing<br>9 = Hand only, warm outdoor conditions<br>10 = Pulse ventilation<br>11 = Pulse ventilation, warm outdoor conditions<br>12 = Temperature controlled<br>13 = Night cooling<br>14 = Ventilate control<br>15 = Trickle ventilation<br>[16... 255] Not used |                  | R, COV               |
| AI 92..101  | NV_Comfort_status_1..10                         | Actual confort status in NV controller <n>   |                  | R, COV               |
| AI 102..111 | Mech_vent_FutureVent_1..10                      | FutureVent™ control value  |                  | R, COV               |
| AI 112..121 | Mech_vent_value_1..10                           | Mechanical ventilation value for controller <n>  | Percent          | R, COV               |
| AI 122..131 | Mech_vent_ZoneVent_Air_supply_temperature_1..10 | ZoneVent™ air supply temperature   | °C / °F          | R, COV               |
| AI 132..141 | Heating_Valve_1..10                             | Heating valve value  | Percent          | R, COV               |
| AI 142      | Weather_temperature                             | Weather station temperature  | °C / °F          | R, COV               |
| AI 143      | Weather_rain_intensity                          | Weather station rain intensity   | mm/hour          | R, COV               |
| AI 144      | Weather_relative_humidity                       | Weather station relative humidity  | Percent          | R, COV               |
| AI 145      | Weather_humidity                                | Weather station absolute humidity  | g/m <sup>3</sup> | R, COV               |
| AI 146      | Weather_dew_point                               | Weather station dew point  | °C / °F          | R, COV               |
| AI 147      | Weather_status_sensor                           | Weather station sensor status  |                  | R, COV               |
| AI 148      | Weather_wind_status                             | Weather status wind sensor status  |                  | R, COV               |
| AI 149..158 | Actual_temperature_setpoint_NV_controller_1..10 | Actual temperature setpoint in NV controller <n>   | °C / °F          | R, COV               |
| AI 159..160 | Blind_actual_slant_position_motor_line_S1_X1..2 | Actual blind slat angle on motor line S1 X<n>  | Percent          | R, COV               |
| AI 161..168 | Blind_actual_slant_position_motor_line_S2_X1..8 | Actual blind slat angle on motor line S2 X<n>  | Percent          | R, COV               |
| AI 169..178 | Status_sun_controller_1..10                     | Status of Sun controller <n>   |                  | R, COV               |
| AI 179..188 | Cooling_Valve_1..10                             | Cooling value for controller <n>   | Percent          | R, COV               |

**Analog Value Objects Instance Summary:**

| ID          | Objects Name                                     | Description  | Unit            | Present Value Access |
|-------------|--|--|-----------------|----------------------|
| AV 1..10    | Hand_position_motor_group_1..10                  | Set the target position of motor group <n> using hand speed        | Percent         | W                    |
| AV11..20    | Hand_relative_position_motor_group_1..10         | Set the hand relative position for motor group <n>                 | Percent         | W                    |
| AV 21..22   | Hand_position_motor_line_S1_X1..2                | Set the target position of motor line S1 X<n> using hand speed     | Percent         | W                    |
| AV 23..30   | Hand_position_motor_line_S2_X1..8                | Set the target position of motor line S2 X<n> using hand speed     | Percent         | W                    |
| AV 31..32   | Hand_relative_position_motor_line_S1_X1..2       | Set the relative position of motor line S1 X<n> using hand speed   | Percent         | W                    |
| AV 33..40   | Hand_relative_position_motor_line_S2_X1..8       | Set the relative position of motor line S2 X<n> using hand speed   | Percent         | W                    |
| AV 41       | Wind_speed                                       | Set the wind speed, used for safety                                | m/s             | W                    |
| AV 42       | Wind_speed_filtered                              | Set the filtered wind speed, used for NV                           | m/s             | W                    |
| AV 43       | Wind_direction                                   | Set the wind direction   | Degrees Angular | W                    |
| AV 44       | Wind_direction_filtered                          | Set the filtered wind direction, used for NV                       | Degrees Angular | W                    |
| AV 45       | Building_mode                                    | Set the building mode  |                 | W                    |
| AV 46..55   | Wind_speed_NV_controller_1..10                   | Set the wind speed in NV controller <n>, used for safety           | m/s             | W                    |
| AV 56..65   | Wind_speed_filtered_NV_controller_1..10          | Set the filtered wind speed in NV controller <n>, used for NV      | m/s             | W                    |
| AV 66..75   | Temperature_NV_controller_1..10                  | Set the actual temperature in NV controller <n>                    | °C / °F         | W                    |
| AV 76..85   | CO2_NV_controller_1..10                          | Set the actual CO <sub>2</sub> level in NV controller <n>          | Ppm             | W                    |
| AV 86..95   | Relative_humidity_NV_controller_1..10            | Set the actual relative humidity in NV controller <n>              | %               | W                    |
| AV 96..105  | Outdoor_temperature_in_NV_controller_1..10       | Set the actual outdoor temperature used in NV controller <n>       | °C / °F         | W                    |
| AV 106..115 | NV_base_temperature_setpoint_NV_controller_1..10 | Set the base temperature setpoint in NV controller <n>             | °C / °F         | W                    |
| AV 116..125 | NV_heating_cooling_deadband_NV_controller_1..10  | Set the dead band between heating and cooling in NV controller <n> | K               | W                    |
| AV 126..135 | NV_heating_standby_offset_NV_controller_1..10    | Sets the heating 'standby' offset in NV controller <n>             | K               | W                    |
| AV 136..145 | NV_heating_night_offset_NV_controller_1..10      | Sets the heating 'night' offset in NV controller <n>               | K               | W                    |
| AV 146..155 | NV_cooling_standby_offset_NV_controller_1..10    | Sets the cooling 'standby' offset in NV controller <n>             | K               | W                    |
| AV 156..165 | NV_cooling_night_offset_NV_controller_1..10      | Sets the cooling 'night' offset in NV controller <n>               | K               | W                    |
| AV 166..175 | Mech_vent_temperature_setpoint_offset_1..10      | Sets the mechanical ventilation setpoint in NV controller <n>      | °C / °F         | W                    |
| AV 176..177 | Hand_timer_motor_line_S1_X1..2                   | Temporary hand timer for motor line S1X<n>                         | Minutes         | W                    |
| AV 178..185 | Hand_timer_motor_line_S2_X1..8                   | Temporary hand timer for motor line S2X<n>                         | Minutes         | W                    |
| AV 186..195 | Actual_illumination_sun_controller_1..10         | Set the illumination level in sun controller <n>                   |                 | W                    |

**Binary Output Objects Instance Summary:**

| ID         | Objects Name                | Description   | Active / inactive Text  | Present Value Access |
|------------|-----------------------------|---|---|----------------------|
| BO 1..2    | Close_motor_line_S1_X1..2   | Set that motor line S1 X<n> must be closed                          | Close. All motors on the motor line must be closed / No close   | C                    |
| BO 3..10   | Close_motor_line_S2_X1..8   | Set that motor line S2 X<n> must be closed                          | Close. All motors on the motor line must be closed / No close   | C                    |
| BO 11..20  | NV_Presence_detection_1..10 | Set a presence detection event in NV controller <n>.                | Idle. No presence detection. / Presence detection. Trigger the occupancy timer.                           | C                    |
| BO 21..30  | NV_Disable_automatic_1..10  | Set that automatic control is disabled in NV controller <n>         | Idle. / Disable auto. NV control. Disable the NV controller.  | C                    |
| BO 31..40  | NV_Force_winter_1..10       | Set that NV controller <n> is force in winter mode                  | Idle. / Force winter. Force the NV controller in winter mode.   | C                    |
| BO 41..50  | NV_Ventilate_1..10          | Set that a pulse ventilation must be performed in NV controller <n> | Idle. / Ventilate trigger. Trigger a ventilation sequence in the NV controller.                           | C                    |
| BO 51..60  | NV_Comfort_1..10            | Set that 'comfort' must be active used in NV controller <n>         | Idle. / Comfort. Set the NV controller in comfort mode.   | C                    |
| BO 61..70  | NV_Night_1..10              | Set that 'night' must be active used in NV controller <n>           | Idle. / Night. Set the NV controller in night mode.   | C                    |
| BO 71..80  | Mech_vent_override_1..10    | Set override in mechanical ventilation controller <n>               | Idle. / Mech. vent. override. Set the mech. vent. controller in override mode to manually set the output. | C                    |
| BO 81..90  | Heating_override_1..10      | Set override in heating controller <n>                              | Idle. / Heating override. Set the heating controller in override mode to manually set the heating output. | C                    |
| BO 91..100 | Cooling_override_1..10      | Set override in cooling controller <n>                              | Idle. / Cooling override. Set the cooling controller in override mode to manually set the cooling output. |                      |

**Binary Input Objects Instance Summary:**

| ID      | Objects Name               | Description  | Active / inactive Text  | Present Value Access |
|---------|----------------------------|--|---|----------------------|
| BI 1..2 | Closed_motor_line_S1_X1..2 | Indicates closed / not closed status for actuators on motor line S1 X<n> | Closed. All motors on the motor line are closed / Not closed. One or more motors on the motor line are open | R, COV               |

| ID          | Objects Name               | Description   | Active / inactive Text   | Present Value Access |
|-------------|----------------------------|---|--|----------------------|
| BI 3..10    | Closed_motor_line_S2_X1..8 | Indicates closed / not closed status for actuators on motor line S2 X<n>      | Closed. All motors on the motor line are closed / Not closed. One or more motors on the motor line are open  | R, COV               |
| BI 11..12   | Error_motor_line_S1_X1..2  | Indicates error condition for motor line S1 X<n>                              | Error. An error was detected on the motor line / No error. No errors detected on the motor line  | R, COV               |
| BI 13..20   | Error_motor_line_S2_X1..8  | Indicates error condition for motor line S2 X<n>                              | Error. An error was detected on the motor line / No error. No errors detected on the motor line  | R, COV               |
| BI 21..30   | Alarm_smoke_zone_1..10     | Smoke zone <n> alarm condition.   | Alarm active in the smoke zone / No alarm active in the smoke zone   | R, COV               |
| BI 31..40   | Error_smoke_zone_1..10     | Smoke zone <n> error  | Error. An error was detected on the smoke zone / No error. No errors detected on the smoke zone  | R, COV               |
| BI 41       | Error_system               | System error status   | System error. One or more error in the system / System ok. No errors active in the system  | R, COV               |
| BI 42       | Error_nv_controllers       | One or more NV controllers has an error                                       | System ok. No NV controllers with error. / NV controller error. At least one NV controller has an error.   | R, COV               |
| BI 43       | Common_mech_vent           | Fan is active in one or more NV controllers                                   | Mech. vent. inactive. No mech. vent. controller has an active output. / Mech. vent. active. One or more mech. vent. controllers have an active output. | R, COV               |
| BI 44       | Common_heating             | Heating is active in one or more NV controllers                               | Heating inactive. No heating controller has heating demand. / Heating active. One or more heating controller has heating demand.                       | R, COV               |
| BI 45..54   | NV_Occupancy_1..10         | NV controller <n> is occupied   | Unoccupied. The NV controller is unoccupied. / Occupied. The NV controller is occupied.  | R, COV               |
| BI 55..64   | NV_Winter_1..10            | NV controller <n> is in winter mode   | Summer. The NV controller is in summer mode. / Winter. The NV controller is in winter mode.  | R, COV               |
| BI 65..74   | NV_Lighting_1..10          | The light is on in NV controller <n>  | Lighting off. The NV controller has lighting off. / Lighting on. The NV controller has lighting on.  | R, COV               |
| BI 75..84   | NV_Error_status_1..10      | NV controller <n> has an error  | OK. No errors in the NV controller. / Error. The NV controller has an error.   | R, COV               |
| BI 85..94   | Mech_vent_1..10            | The mechanical ventilation is active in mechanical ventilation controller <n> | Mech. vent. inactive. The mech. vent. controller output is not active. / Mech. vent. active. The mech. vent. controller has an active output.          | R, COV               |
| BI 95..104  | Heating_1..10              | The heating is active in heating controller <n>                               | Heating inactive. The heating controller output is not active. / Heating active. The heating controller has an active output.                          | R, COV               |
| BI 105      | Weather_raining            | Raining signal from weather station   | No rain. The rain sensor is not active. / Raining. The rain sensor is active.  | R, COV               |
| BI 106..115 | Cooling_1..10              | The cooling is active in cooling controller <n>                               | Cooling inactive. The cooling controller output is not active. / Cooling active. The cooling controller has an active output.                          | R, COV               |

**Binary Value Objects Instance Summary:**

| ID      | Objects Name     | Description   | Active / inactive Text | Present Value Access |
|---------|------------------|---|------------------------|----------------------|
| BV1..10 | Connection_1..10 | Object that can be associated to an input or output of the system |                        | R/W                  |

**Bit String Value Objects Instance Summary:**

| ID        | Objects Name               | Description                            | Bit_Text  | Present Value Access |
|-----------|----------------------------|--|---|----------------------|
| BS 1..10  | Status_motor_group_1..10   | Indicate status of the motor group <n> | Bit 0: 1 = Error. One or more motor lines associated with the motor groups have an error.<br>Bit 1: 1 = Closed. All motor lines associated with the motor group is closed.<br>Bit 2: 1 = Max. wind speed active. The configured max. wind speed of the motor group is exceeded.<br>Bit 3: 1 = Safety active. The safety function of the motor group is active.<br>Bit 4: 1 = Open active. One or more motor lines in the group are open more than the configured threshold.<br>Bit 5: 1 = Alarm. The motor group is in smoke alarm state.<br>Bit 6: 1 = Service. One or more motor lines call for service.<br>Bit 7: 1 = KNX error The KNX module or bus has an error.  | R                    |
| BS 11..12 | Status_motor_line_S1_X1..2 | Indicate status for motor line S1 X<n> | Bit 0: 1 = Communication error. Communication error detected while communicating with one or more motors. Only applicable for MotorLink™ output.<br>Bit 1: 1 = Cable error. Broken cable detected. Only applicable for standard motor output.<br>Bit 2: 1 = No. of. motors error. Expected no. of motors differs from the number of motors found on the motor line.<br>Bit 3: 1 = Team size error. Team size value in the motors does not match.<br>Bit 4: 1 = Motor parameter error. Key motor parameters differ between the motors.<br>Bit 5: 1 = No. of locking motors error. Expected no of WMB motors differ from number found.<br>Bit 6: 1 = Locking motors team size error. Team size value in the locking motors does not match.<br>Bit 7: 1 = Locking motor parameter error. Key locking motor parameters differs between the locking motors.<br>Bit 8: 1 = Closed. All actuators on motor line are closed.<br>Bit 9: 1 = Locked. All locking motors are locked. If no locking motors are present the bit has the same value as "Closed".<br>Bit 10: 1 = Position error. The actual position differs from the expected position.<br>Bit 11: 1 = Motor moving. Motors are moving.<br>Bit 12: 1 = Motor over current. The motors reported a too high current.<br>Bit 13: 1 = Output over current. A too high current detected on the motor line output.<br>Bit 14: 1 = Hand grace timer active. An automatic operation has started the grace timer.<br>Bit 15: 1 = Hand timer active. A hand operation has started the temporary hand timer.<br>Bit 16: 1 = Open. The actuators are more open than a threshold.<br>Bit 17: 1 = Power supply overcurrent. Accumulator switch opened due to overcurrent.<br>Bit 18: 1 = Motor safety edge sensor input active.<br>Bit 19: 1 = Motor ID 1 communication error.<br>Bit 20: 1 = Motor ID 2 communication error.<br>Bit 21: 1 = Motor ID 3 communication error.<br>Bit 22: 1 = Motor ID 4 communication error.<br>Bit 23: 1 = Motor ID 5 communication error.<br>Bit 24: 1 = Motor ID 6 communication error.<br>Bit 25: 1 = Communication warning.<br>Bit 26: 1 = Watchdog timeout.<br>Bit 27: 1 = The motor line calls for service. | R                    |

| ID        | Objects Name               | Description                                  | Bit_Text  | Present Value Access |
|-----------|----------------------------|--|---|----------------------|
| BS 13..20 | Status_motor_line_S2_X1..8 | Indicate status for motor line S2 X<n>       | Please see BS 11  | R                    |
| BS 21..30 | Status_smoke_zone_1..10    | Indicate status of smoke zone <n>            | Bit 0: 1 = Line A alarm active.<br>Bit 1: 1 = Line B alarm active.<br>Bit 2: 1 = Reset active.<br>Bit 3: 1 = Line C alarm active.<br>Bit 4: 1 = Line D alarm active.<br>Bit 5: 1 = Line E alarm active.<br>Bit 6: 1 = Line F alarm active.<br>Bit 7: 1 = Line A error.<br>Bit 8: 1 = Line B error.<br>Bit 9: 1 = Line C error.<br>Bit 10: 1 = Line D error.<br>Bit 11: 1 = Line E error.<br>Bit 12: 1 = Line F error.<br>Bit 13: 1 = Break glass unit error. Error affecting the break glass units associated with the smoke zone.<br>Bit 14: 1 = Motor group error. Error effecting the motor groups associated with the smoke zone.<br>Bit 15: 1 = Master / slave error. Error effecting a master or slave connection on the smoke zone.<br>Bit 16: 1 = Power supply error. No mains power or PS module error.<br>Bit 17: 1 = Mains power warning. Mains power has been missing for less than (*) minutes.<br>Bit 18: 1 = Weather data error. | R                    |
| BS 31     | Status_system              | Indicates the detailed status of the system. | Bit 0: 1 = Alarm. Alarm is active in one or more smoke zone.<br>Bit 1: 1 = System error. Errors active in the system.<br>Bit 2: 1 = Mains error. Mains power is ok. The first (*) min. of a mains failure is shown as a warning.<br>Bit 3: 1 = Mains warning. Mains power failure for less than (*) minutes.<br>Bit 4: 1 = Accumulator error. An accumulator error is detected.<br>Bit 5: 1 = Weather data error.<br>Bit 6: 1 = Time for service. The system maintenance timer is expired.  | R                    |

(\*) is the value of parameter 1.9.0.38 "Mains error time".

Present Value Access types Legend: R = Read-only, W (Note1) = Writeable, C = Commandable. Commandable values supports priority arrays 16 relinquish defaults.

#### Data Link Layer Options:

- BACnet IP, (Annex J)
- BACnet IP, (Annex J), Foreign Device
- ISO 8802-3, Ethernet (Clause 7)
- ANSI/ATA 878.1, 2.5 Mb. ARCNET (Clause 8)
- ANSI/ATA 878.1, RS-485 ARCNET (Clause 8), baud rate(s): \_\_\_\_\_
- MS/TP master (Clause 9), baud rate(s): 9600, 19200, 38400, 57600, 76800, 115200
- MS/TP slave (Clause 9), baud rate(s): \_\_\_\_\_
- Point-To-Point, EIA 232 (Clause 10), baud rate(s): \_\_\_\_\_
- Point-To-Point, modem, (Clause 10), baud rate(s): \_\_\_\_\_
- LonTalk, (Clause 11), medium: \_\_\_\_\_
- Other: \_\_\_\_\_

#### Device Address Binding:

Is static device binding supported? (This is currently necessary for two-way communication with MS/TP slaves and certain other devices.)  Yes  No

#### Networking Options:

- Router, Clause 6 - List all routing configurations, e.g., ARCNET-Ethernet, Ethernet-MS/TP, etc.
  - Annex H, BACnet Tunnelling Router over IP
  - BACnet/IP Broadcast Management Device (BBMD)
- Does the BBMD support registrations by Foreign Devices?  Yes  No

#### Character Sets Supported:

Indicating support for multiple character sets does not imply that they can all be supported simultaneously.

- ISO 10646 (UTF-8)
- IBM™/Microsoft™ DBCS
- ISO 8859-1
- ISO 10646 (UCS-2)
- ISO 10646 (UCS-4)
- JIS C 6226