Control Point

User Manual

Software

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1 Introduction

The Control Point is a modern comfort management wall panel with two most popular open communication protocols: Modbus RTU/ASCII and BACnet MS/TP.

The panel can be configured using the iSMA Configurator software or Modbus registers/ BACnet objects.

1.1 Revision History

Date	Rev.	Description
30 Jan 2025	1.0	First edition

Table 1. Revision history

1.2 Control Point Panel Versions

1.2.1 Control Point Series

The basic line of the Control Point series consists of panels with a display and temperature sensor with possible configurations of:

- humidity sensor;
- CO_2 sensor;
- humidity and CO_2 sensors.

Panels are available in black or white color.

CP-DISP-B
CP-DISP-W
CP-H-DISP-B
CP-H-DISP-W
CP-C-DISP-B
CP-C-DISP-W
CP-HC-DISP-B
CP-HC-DISP-W

1.2.2 Control Point VAV Series

Control Point VAV series consists of panels with **no fan control**. Panels are available with a display and temperature sensor with possible configurations of:

- humidity sensor;
- CO_2 sensor;
- humidity and CO_2 sensors.

Panels are available in black or white color.

CP-VAV-DISP-B
CP-VAV-DISP-W
CP-VAV-H-DISP-B

CP-VAV-H-DISP-W
CP-VAV-C-DISP-B
CP-VAV-C-DISP-W
CP-VAV-HC-DISP-B
CP-VAV-HC-DISP-W

Legend:

- H - a version with temperature and humidity sensors;
- C - a version with temperature and CO_2 sensors;
- HC - a version with temperature, humidity, and CO_2 sensors;
- B - black version;
- W - white version.

2 Communication

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

The Control Point panel has one RS485 bus accessible by 2 RJ45 ports and a 4-pin connector.

2.1 RS485

There are 3 communication protocols that can be selected using the DIP switch 2 and PROTOCOL field:

	DIP Switch 2	PROTOCOL (40024)
Modbus RTU	Off (default)	0 (default)
Modbus ASCII	Off	1
BACnet MS/TP	On	N/A

Table 2. Setting communication protocol

2.1.1 Setting MAC Address

The device's MAC address can be set using the following register:

ADDRESS: contains information about the Modbus address of the room panel. The default address is 1;

- Modbus register: 40023;
- BACnet object: N/A.

2.1.2 Setting Communication Parameters

BACNET_DEVICE_ID: sets the device's BACnet ID;

- Modbus register: 40016;
- BACnet object: DEVICE, property: Object Identifier;

BAUD_RATE: sets a baud rate of the panel. The baud rate is calculated according to the formula: baud rate = (register's value)·10. The default value is 11520 (115200 bps);

Value	Baud Rate (bps)
240	2400
480	4800
960	9600
1920	19200

Value	Baud Rate (bps)
3840	38400
5760	57600
7680	76800
11520	115200 (default)

Table 3. Baud rate values

- Modbus register: 40017;
- BACnet object: DEVICE, property: 3084.

STOP_BITS: determines a number of stop bits in a Modbus frame;

Value	No. of Stop Bits
1	1 (default)
2	2

Table 4. Values of the STOP_BITS register

- Modbus register: 40018;
- BACnet object: N/A.

DATA_BITS: determines a number of data bits in a Modbus frame (the Modbus ASCII protocol requires 7 bits):

Value	No. of Data Bits
7	7
8	8 (default)

Table 5. Values of the DATA_BITS register

- Modbus register: 40019;
- BACnet object: N/A;

PARITY_BITS: each byte of data being transferred may have an additional protection of a parity bit added before stop bit (bits). The 16-bit register determines a number of added parity bits;

Value	No. of Parity Bits
0	None (default)
1	Odd
2	Even

Table 6. Values of the PARITY_BITS register

- Modbus register: 40020;
- BACnet object: N/A;

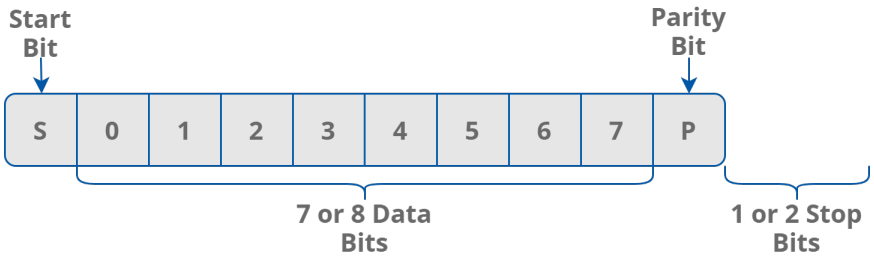

Figure 1. Modbus frame

Note: The BACnet protocol requires specific values of stop bits, data bits, and a parity bit of 1, 8, and none, respectively. Therefore, the user settings for these objects are not applicable.

REPLAY_DELAY: determines a number of milliseconds before the panel answers the request. This time is used to extend the interval between the request and response. The default value of 0 means no delay (the response is sent once during the 3,5 character required by the Modbus RTU protocol).

- Modbus register: 40021;
- BACnet object: N/A.

WARNING!

The above parameters are remembered, but NOT automatically set. In order to set these parameters to the panel, it is required to perform one of the following actions after entering required values:

- restart the panel;
- send a reload settings command (0: 0x2FF, DEVICE (property: 3030): 0x2FF, iSMA Configurator, or FCU Updater).

Incoming data frames are counted and presented through the following parameters:

RECEIVED_FRAMES: shows the number of received frames. The register's value is reset at the start of the panel and at the change of transmission parameters;

- Modbus register: 30004;
- BACnet object: DEVICE, property: 5101 (VALID_FRAMES_FOR_US_ CNT);

ERROR_FRAMES: shows the number of error messages (shorter than 3 or with incorrect CRC value) received by the panel from the time of the last power-up. The register's value is reset at the start of the panel and at the change of transmission parameters;

- Modbus register: 30006;
- BACnet object: DEVICE, property: 5103 (ERROR_FRAMES_CNT);

TRANSMITTED_FRAMES: shows the number of sent frames. The register's value is reset at the start of the panel and at the change of transmission parameters;

- Modbus register: 30008;
- BACnet object: DEVICE, property: 5104 (TRANSMITTED_FRAMES_ CNT).

2.2 USB

A USB bus is accessible through the USB C port at the bottom of the device. Device identifies itself as a USB HID, and can be configured using the iSMA Configurator and FCU Updater software.

3 Display

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

The Control Point panel is equipped with an LCD display. The display functions can be activated or inactivated using the following parameter or in the iSMA Configurator:

DEVICE_CONFIGURATION, BACKGROUND_ILLUMINATION_ LCD_ACTIVE: allows to switch on the LCD background illumination. If true, the LCD display is illuminated with intensity according to values stored in parameters dedicated for particular room panel modes. If false, the LCD display is not illuminated in any mode. By default, the display is illuminated;

- Modbus register: 40205, bit 3;
- BACnet object: BO3, property: Present Value.

During a normal operation, the display shows a main menu (values measured by all sensors available in the panel and a temperature setpoint, with parameter's shortcut name and a proper unit) and submenu icons.

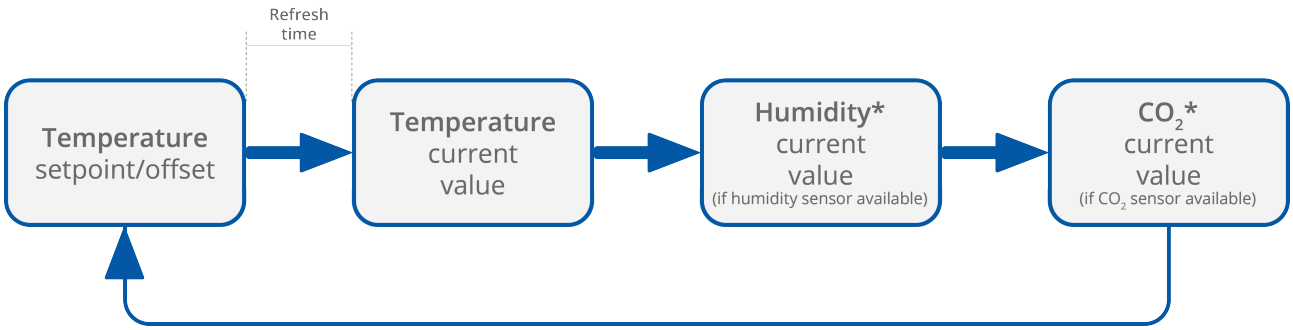

Figure 2. Display sequence

The display configuration parameters include the following (these functions can be edited directly in the parameters or in the iSMA Configurator):

REFRESH_TIME: sets the duration of the display time of particular parameters. When the refreshing time elapses, the next parameter is displayed according to the sequence of parameters display. The default value is 2 seconds (each parameter is displayed for 2 seconds). The minimum refreshing time is 1 second.

- Modbus register: 40217;
- BACnet object: AO13, property: Present Value.

To explore more options of configuring parameters displayed in the main menu, go to Main Menu

To explore more options of configuring submenus, go to Submenu

3.1 Display Brightness

Display brightness switches between three illumination modes in time:

- active mode;

- idle mode;
- standby mode.

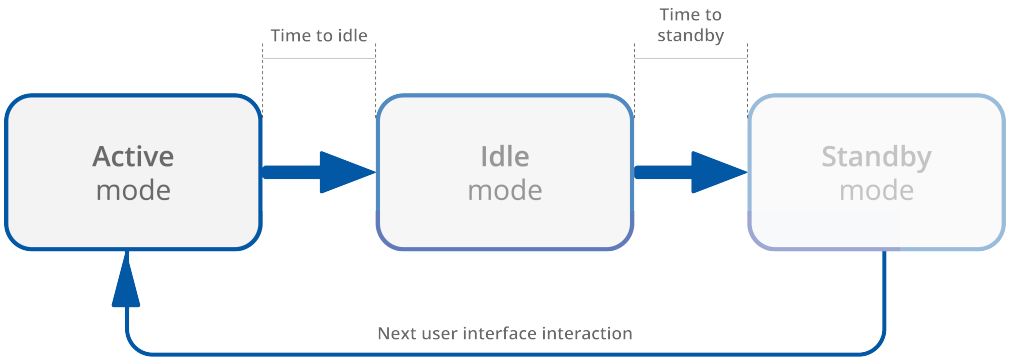

Figure 3. Brightness modes sequence

3.1.1 Active Mode Settings

BACKGROUND_LCD_FOR_ACTIVE_MODE: allows to set a value of the LCD display brightness in the active mode (expressed in %). The default value is 60%.

- Modbus register: 40207;
- BACnet object: AO3, property: Present Value;

BACKGROUND_LCD_TIME_TO_IDLE: allows to set the time, after which the LCD display goes from the active mode to idle (expressed in seconds). The default value is 10 seconds.

- Modbus register: 40210;
- BACnet object: AO6, property: Present Value;

3.1.2 Idle Mode Settings

BACKGROUND_LCD_FOR_IDLE_MODE: allows to set a value of the LCD display brightness in the idle mode (expressed in %). The default value is 40%.

- Modbus register: 40208;
- BACnet object: AO4, property: Present Value.

BACKGROUND_LCD_TIME_TO_STANDBY: allows to set the time, after which the LCD display goes from the idle mode to standby (expressed in seconds). The default value is 5 seconds.

- Modbus register: 40211;
- BACnet object: AO7, property: Present Value.

3.1.3 Standby Mode Settings

BACKGROUND_LCD_FOR_STANDBY_MODE: allows to set a value of the LCD display brightness in the standby mode (expressed in %). The default value is 5%.

- Modbus register: 40209;
- BACnet object: AO5, property: Present Value.

The panel stays in the standby mode until next user interface interaction.

3.1.4 Current Display Brightness

BACKGROUND_LCD_CURRENT_VALUE: contains a current display illumination value.

- Modbus register: 30201;
- BACnet object: AI1, property: Present Value.

3.2 Editing Parameters

The following parameters allows to set the editing mode behavior:

ENTER_MENU_TIME: allows to set a long-press duration to enter the submenu and settings menu;

- Modbus register: 40223;
- BACnet object: AO16, property: Present value;

EXIT_MENU_TIME: allows to set the time after which the panel exits the submenu and settings menu:

- Modbus register: 40225;
- BACnet object: AO18;

EXIT_MENU_TIME: allows to set the time after which the panel exits the editing mode:

- Modbus register: 40224;
- BACnet object: AO17.

3.3 Icons

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

On the display, icons represent different functions available on the panel: current mode and available submenus. See the list of all available icons here.

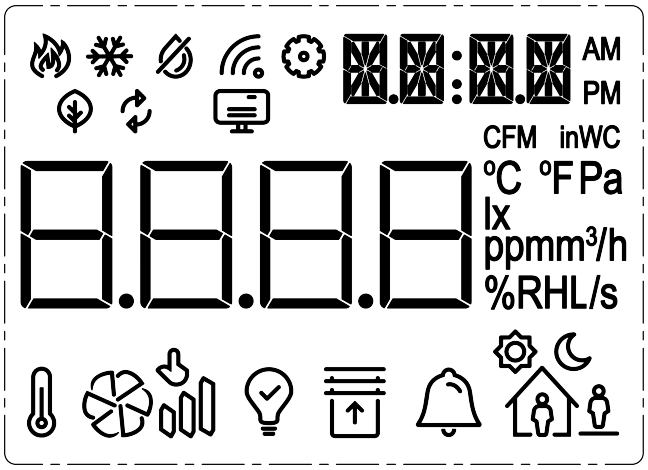

Figure 4. Display with all icons

LCD_ICON_DISPLAY: allows to activate or deactivate displaying a particular icon. Setting true value to a particular bit/object displays an appropriate icon, which is assigned according to the table below. By default, all icons are hidden (all values are false).

- Modbus register: 40219, bits 1-10;

- BACnet object: BO14-BO24;

LCD_ICON_FLASHING: allows to switch on blinking of particular icons. Setting true value for a particular bit/object causes blinking of a single icon, which is assigned according to the table below.

- Modbus register: 40220, bits 1-10;
- BACnet object: BO25-BO35;

Modbus register bit	BACnet object - displayed icons	BACnet object - flashing icons	Icon name	Icon
0	BO14	BO25	Sun	
1	BO15	BO26	Moon	
2	BO16	BO27	Heating	
3	BO17	BO28	Cooling	
4	BO18	BO29	Humidifier	
5	BO19	BO30	Dehumidifier	
6	BO20	BO31	Wireless	
7	BO21	BO32	Settings	
8	BO22	BO33	Eco	
9	BO23	BO34	Recirculation	
10	BO24	BO35	PC	

Table 7. List of icons

LCD_ICON_FLASHING_TIME: allows to set the icon blinking frequency. The parameter stores the time which constitutes the base for calculating the icon blinking frequency. The minimum value is 50 ms. The default value is 500 ms (the icons are visible for 500 ms and hidden for 500/4=125 ms).

- Modbus register: 40221;
- BACnet object: AO14;

SUBMENU_ICON_FLASHING: switches on blinking of particular submenu icons. Setting true value for a particular bit causes blinking of a single icon which is assigned to that bit according to the table below.

- Modbus register: 40229;
- BACnet object: BO42-BO54;

Modbus register bits	BACnet object	Icon name	Icon
0	BO42	Temperature	
1	BO43	Fan 1	
2	BO44	Fan 2	
3	BO45	Fan 3	
4	BO46	Fan 4	
5	BO47	Fan 5	
6	BO48	Fan 6	
7	BO49	Light	
8	BO50	Blind	
9	BO51	Alarms	

Modbus register bits	BACnet object	Icon name	Icon
10	BO52	Occupancy 1	
11	BO53	Occupancy 2	
12	BO54	Occupancy 3	

Table 8. Submenu icons display

SUBMENU_ICON_FLASHING_TIME: allows to set the submenu icon blinking frequency. The parameter stores the time which constitutes the base for calculating a frequency of submenu icons flashing. The minimum value is 50 ms. The default value is 1000 ms (the icons are visible for 1000 ms and hidden for 1000/4=250 ms).

- Modbus register: 40222;
- BACnet object: AO15.

4 Keypad

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

The Control Point panel comes in 2 versions: Control Point and Control Point VAV. Visually, the versions are differentiated by keypad layouts:

Figure 5. Control Point line keypad layout

The Control Point line keypad layout is designed with 4 buttons:

- fan;
- decrement (-);
- increment (+);
- occupancy.

Figure 6. Control Point VAV line keypad layout

The Control Point VAV series, which has no fan control, is designed with the following buttons:

- menu;
- decrement (-);
- increment (+);
- confirm.

in the iSMA Configurator:

DEVICE_CONFIGURATION, KEY_PAD_OFF: allows to switch off the panel keypad. If true, the keypad function is deactivated. Single pushing of any button emits a buzzer sound (if buzzer is activated) and activates the active mode (set background illumination level) but the submenu access is blocked (it is impossible to enter any menu or to change any parameters or settings). The main menu is displayed. By default, the keypad is on.

- Modbus register: 40205, bit 12;
- BACnet object: BO10, property: Present Value.

The keypad can be activated or inactivated using the following parameter or in the iSMA Configurator:

DEVICE_CONFIGURATION, BACKGROUND_ILLUMINATION_KEY_PAD_ACTIVE: allows to switch on the keypad background illumination. If true, the keypad is illuminated with intensity according to values stored in parameters dedicated for particular room panel modes. If false, the keypad is not illuminated in any mode. By default, the keypad is not illuminated;

- Modbus register: 40205, bit 4;
- BACnet object: BO4, property: Present Value.

Keypad brightness switches between three illumination modes in time:

- active mode;
- idle mode;
- standby mode.

4.1 Keypad Brightness

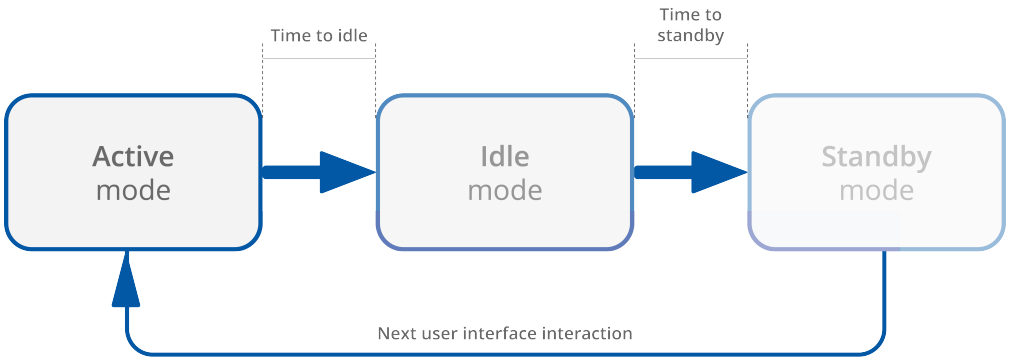

Figure 7. Brightness modes sequence

4.1.1 Active Mode Settings

BACKGROUND_KEY_PAD_FOR_ACTIVE_MODE: allows to set a value of the keypad backlight brightness in the active mode (expressed in %). The default value is 60%.

- Modbus register: 40212;
- BACnet object: AO8, property: Present Value;

BACKGROUND_KEY_PAD_TIME_TO_IDLE: allows to set the time, after which the keypad backlight goes from the active mode to idle (expressed in seconds). The default value is 10 seconds.

- Modbus register: 40215;
- BACnet object: AO11, property: Present Value;

4.1.2 Idle Mode Settings

BACKGROUND_KEY_PAD_FOR_IDLE_MODE: allows to set a value of the keypad backlight brightness in the idle mode (expressed in %). The default value is 40%.

- Modbus register: 40213;
- BACnet object: AO9, property: Present Value.

BACKGROUND_KEY_PAD_TIME_TO_STANDBY: allows to set the time, after which the keypad backlight goes from the idle mode to standby (expressed in seconds). The default value is 5 seconds.

- Modbus register: 40216;
- BACnet object: AO12, property: Present Value.

4.1.3 Standby Mode Settings

BACKGROUND_KEY_PAD_FOR_STANDBY_MODE: allows to set a value of the keypad backlight brightness in the standby mode (expressed in %). The default value is 0%.

- Modbus register: 40214;
- BACnet object: AO10, property: Present Value.

The panel stays in the standby mode until next user interface interaction.

4.1.4 Current Keypad Brightness

BACKGROUND_KEY_PAD_CURRENT_VALUE: contains a current keypad backlight illumination value.

- Modbus register: 30202;
- BACnet object: AI2, property: Present Value.

5 Buzzer

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

The Control Point panel is equipped with a buzzer, which informs about a detected touch with a short sound. The buzzer also provides a CO_2 alarm function, which emits a sounds once the CO_2 level exceeds a set alarm value. The alarm can be confirmed and muted by pressing any button. The buzzer can be activated or deactivated using the following parameter or in the iSMA Configurator:

DEVICE_CONFIGURATION, BUZZER: allows to activate or deactivate the buzzer. When the buzzer is active, any single push of any button is signalized by the buzzer sound. In addition, the buzzer can be also used for CO_2 alarm signalization. By default, the buzzer is active;

- Modbus register: 40205, bit 0;
- BACnet object: BO0, property: Present Value.

The buzzer CO2 alaram function can be activated or deactivated using the following parameter or in the iSMA Configurator:

DEVICE_CONFIGURATION, CO2_IN_ALARM_BUZZER: allows to switch the buzzer on when the CO_2 alarm occurs. If true, the CO_2 alarm is indicated by the buzzer, which emits sounds with 1 Hz frequency. Read more about CO_2 alarm in the CO_2 sensor section. By default, the function is deactivated;

- Modbus register: 40205, bit 6;
- BACnet object: BO6, property: Present Value.

6 Main Menu and Submenu Settings

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

The Control Point panel menu is divided into 2 sections: a main menu and submenu. The main menu is displayed on the top and central part of the display and the submenu is represented by the icons on the bottom line of the display, which allow to enter the next-level menu.

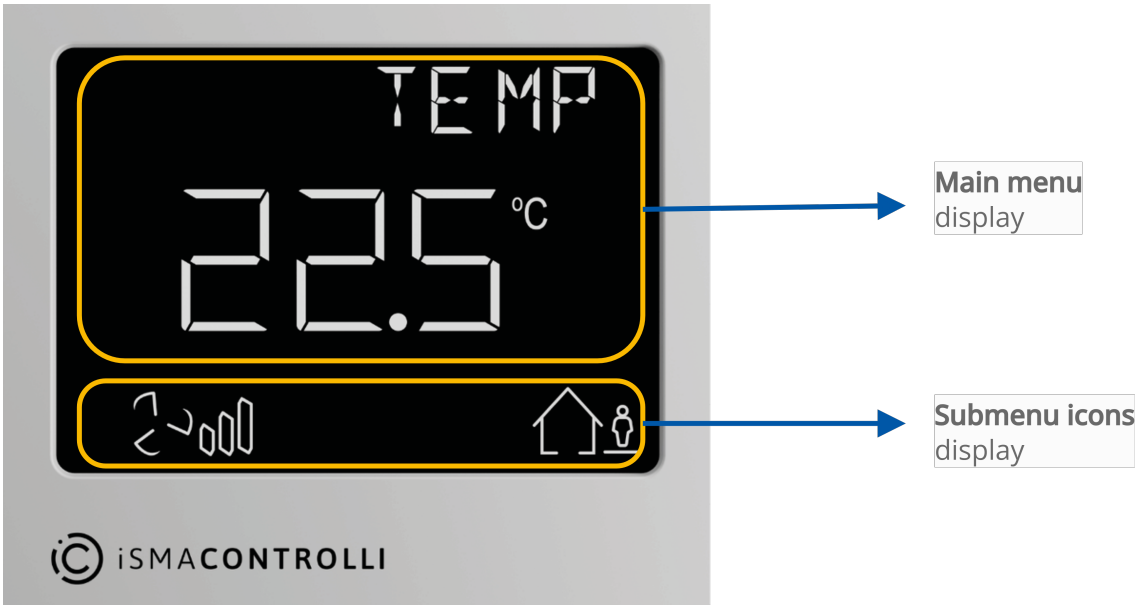

Figure 8. Main menu and submenu display

6.1 Main Menu

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

A basic function of the main menu is to display values of sensors available in the panel and provide quick access to editing of certain parameters. If necessary, the main menu can be adjusted to specific user requirements as described below.

Note: Please note that if editing parameters is enabled from the main menu level, it is available without any restrictions, anyone having physical access to the panel would be able to edit such parameter.
In order to restrict access to editable parameters, it is recommended to use submenus, where it is possible to secure editing with a password.

Examples of enhancing the main menu functionality:

- displaying outside temperature;
- displaying supply/return temperature;
- displaying light status;

- displaying open windows status;
- etc.

Each element of the main menu can be set editable.

All main menu parameters are written to the EEPROM memory of the panel.

6.1.1 Default Main Menu

The default main menu displays values measured by all sensors available in the panel and a temperature setpoint, with parameter's shortcut name and a proper unit.

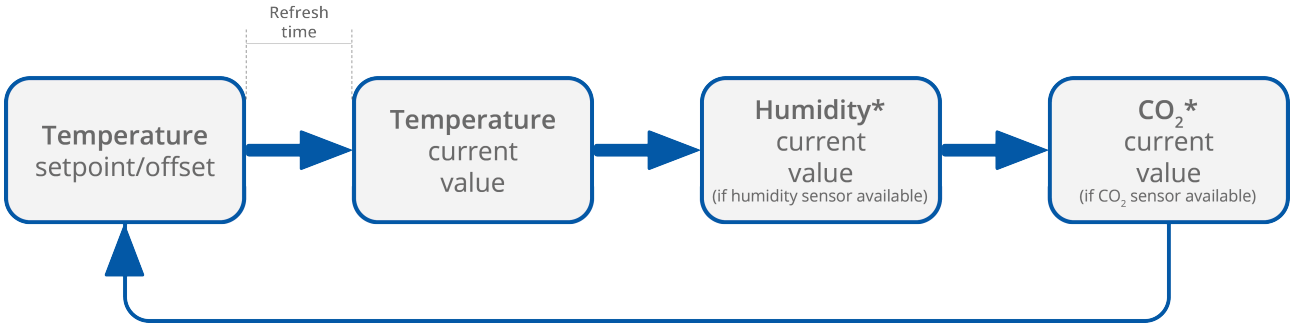

Figure 9. Main menu display sequence

REFRESH_TIME: sets the duration of the display time of particular parameters. When the refreshing time elapses, the next parameter is displayed according to the sequence of parameters display. The default value is 2 seconds (each parameter is displayed for 2 seconds). The minimum refreshing time is 1 second.

- Modbus register: 40217;
- BACnet object: AO13, property: Present Value.

It is, however, possible to change the elements displayed in the main menu – remove default parameters, edit parameters of default elements, or add user-defined elements.

6.1.2 User-defined Main Menu

User-defined main menu means that the display either shows elements additional to the default set (sequence 1), or it is possible to remove default elements and display only user-defined ones (sequence 2):

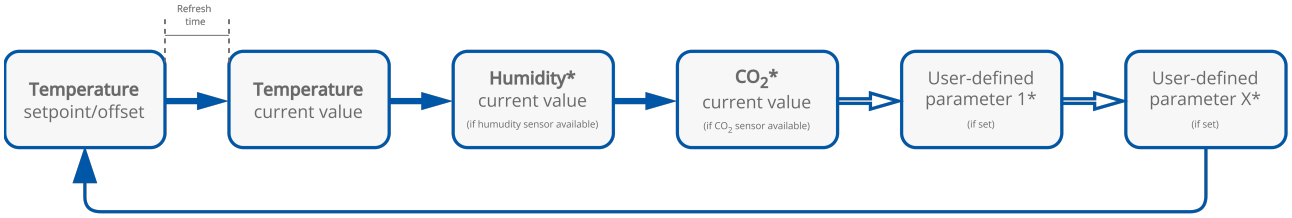

Figure 10. Main menu display sequence 1

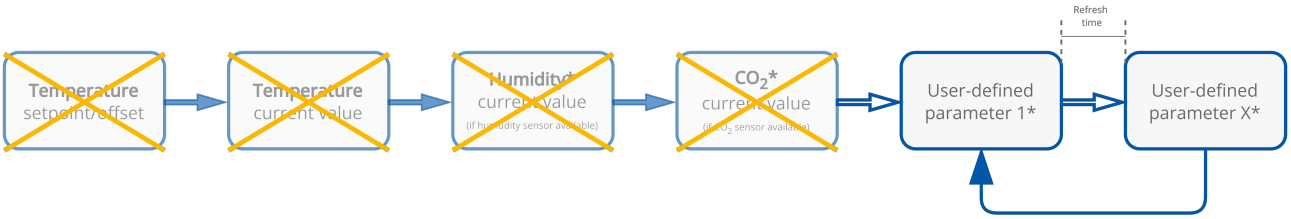

Figure 11. Main menu display sequence 2

There are 8 numeric and 8 Boolean user-defined parameters available that can be used to adjust elements displayed on the LCD display. All these parameters are read-only locally from the panel, writing is possible only from a higher-level system. Each parameter has to be activated to be visible. Active parameters are displayed in the main menu in a specified sequence. After a panel restart, user-defined parameters are not displayed until they are overwritten from a higher level system (master controller). The main menu user-defined parameters are implemented for displaying additional information.

There are 2 ways of setting user-defined parameters:

- using components in the iC Tool (recommended if the panel is connected to a controller);
- using Modbus registers/BACnet objects (directly).

Using Components in the iC Tool

This method is recommended and available if the panel is directly connected to a controller.

Editing and Removing Default Elements of the Main Menu

The kit including components necessary to edit of remove default elements in the main menu is the iSMA_RoomDevices_Modbus kit. The components in question are the component representing sensors available in the panel:

- TemperatureSensor;
- TemperatureSetpoint;
- HumiditySensor (if applicable);
- CO2Sensor (if applicable).

To use any of these components, add them to the ModbusDevice component in the ModbusAsyncNetwork:

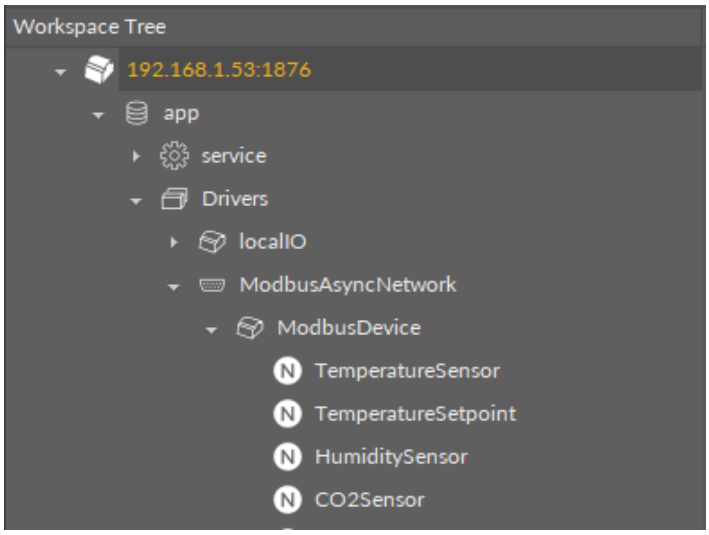

Figure 12. Components to edit/remove default elements in the main menu

To remove the element from the main menu:

- set the Visibility slot in the TemperatureSensor/HumiditySensor/CO2Sensor components to **false**, save the new setting using the **Save** button, and send the configuration to the panel using the **writeConfig** action;
- set the Active slot in the TemperatureSetpoint component to **false**, save the new setting using the **Save** button, and send the configuration to the panel using the **writeConfig** action.

To edit the way default elements of the main menu are displayed, use the remaining slots of the components. This way it is possible to change if the element is editable from the main menu, change the displayed name, and more.

To find out detailed information about the editing options of these components, go to Temperature Sensor / Temperature Setpoint / Humidity Sensor / CO2 Sensor.

Adding New Elements in the Main Menu

The kit including components to add new elements in the main menu is the iSMA_RoomDevices_Modbus kit. The/ components in question are:

- MainMenuBoolean;
- MainMenuNumeric.

Each component is responsible for reading/writing and configuration of a single Boolean or numeric parameter, which will be placed in the panel's main menu.

To add a new parameter on the main menu, follow these steps:

- Add the MainMenuBoolean or MainMenuNumeric component to the ModbusDevice component in the ModbusAsyncNetwork;
- Change the **Point No** slot to one of the eight available slots;
- Configure the remaining slots as required;

To find out detailed information about editing options of these components, go to MainMenuBoolean / MainMenuNumeric.

- Save the component's configuration using the **Save** button;
- Send the configuration to the panel using the **writeConfig** action.

Using Modbus Registers/BACnet Objects

This method is available directly in the panel.

This method requires the use of an external Modbus or BACnet explorer tool.

Editing and Removing Default Elements of the Main Menu

To edit or remove default elements of the main menu using Modbus registers or BACnet objects, use the following parameters:

- Temperature Sensor
- Temperature Setpoint
- Humidity Sensor (Optional)
- CO2 Sensor (Optional)

Adding New Elements in the Main Menu

It is possible to add 8 numeric and 8 Boolean main menu user-defined elements.

To add new elements to the main menu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

MAIN_MENU_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined main menu numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40051-40058 (MAIN_MENU_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV0-AV7, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40320-21, 40325-26, 40330-31, 40335-36, 40340-41, 40345-46, 40350-51, 40355-56 (MAIN_MENU_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV0-AV7, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for main menu numeric parameter 1, use the 40320 register for letters TE and the 40321 register for letters MP. The displayed name is TEMP.

- PRIORITY: allows to set a priority of displaying the parameter in the main menu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40322, 40327, 40332, 40337, 40342, 40347, 40352, 40357 (MAIN_MENU_NUMERIC_1-8_PRIORITY):
  - BACnet objects: AV0-AV7, property: 4201;
- CONFIGURATION: allows to set the following configuration parameters: parameter's visibility on the display, units, decimal places display;
  - Modbus registers: 40323, 40328, 40333, 40338, 40343, 40348, 40353, 40358 (MAIN_MENU_NUMERIC_1-8_CONFIGURATION), 40324, 40329, 40334, 40339, 40344, 40349, 40354 (MAIN_MENU_NUMERIC_1-8_CONFIGURATION_1);
  - BACnet objects: AV0-AV7, properties: Out of Service, Units, 4200 (editability), 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True
	Not visible (default)		0		False
Editability	Editable	CONFIGURATION, bit 1	1	4200	True
	Not editable (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

MAIN_MENU_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined main menu Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40114-40121 (MAIN_MENU_BOOLEAN_1-8_PRESENT_VALUE);
    - 40107 (MAIN_MENU_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in the main menu);
  - BACnet objects: BV0-BV7, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40360-61, 40369-70, 40378-79, 40387-88, 40396-97, 40405-06, 40414-15, 40423-24 (MAIN_MENU_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV0-BV7, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for main menu Boolean parameter 1, use the 40360 register for letters LG and the 40361 register for letters HT. The displayed name is LGHT (light).

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40362-63, 40371-72, 40380-81, 40389-90, 40398-99, 40407-08, 40416-17, 40425-26 (MAIN_MENU_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV0-BV7, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for main menu Boolean parameter 1, use the 40362 register for letters OP and the 40363 register for letters EN. The displayed text is OPEN.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40364-65, 40373-74, 40382-83, 40391-92, 40400-01, 40409-10, 40418-19, 40427-28 (MAIN_MENU_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV0-BV7, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for main menu Boolean parameter 1, use the 40364 register for letters CL and the 40365 register for letters SD. The displayed text is CLSD (closed).

- PRIORITY: allows to set a priority of displaying the parameter in the main menu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40366, 40375, 40384, 40393, 40402, 40411, 40420, 40429 (MAIN_MENU_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV0-BV7, property: 4201;
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 40367, 40376, 40385, 40394, 40403, 40412, 40421, 40430 (MAIN_MENU_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV0-BV7, property: Out of Service.

6.2 Submenu

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

A basic function of the submenu is to provide access to some application functions from the device level. Submenus are preassigned to one of 6 groups:

- temperature submenu;
- fan submenu;
- light submenu;
- blind submenu;
- alarm submenu;
- occupancy submenu.

If a particular submenu is activated, its icon is visible on the bottom line of the panel's display. Fan (if applicable) and occupancy icons, in addition to the activity status, show the current mode.

Each submenu can be set editable.

All submenu parameters are written to the EEPROM memory of the panel.

6.2.1 Editing Parameters

The following parameters allows to set the editing mode behavior:

ENTER_MENU_TIME: allows to set a long-press duration to enter the submenu;

- Modbus register: 40223;
- BACnet object: AO16, property: Present value;

EXIT_MENU_TIME: allows to set the time after which the panel exits the submenu:

- Modbus register: 40225;
- BACnet object: AO18.

6.2.2 Password Protection

Access to submenus can be password-protected.

SUBMENU_PROTECTION: allows to set a password preventing unauthorized access to submenu editing:

- TEMPERATURE: allows to set a password for the temperature submenu;
  - Modbus register: 40228, bit 0;
  - BACnet object: BO36;
- FAN: allows to set a password for the fan submenu;
  - Modbus register: 40228, bit 1;
  - BACnet object: BO37;
- LIGHT: allows to set a password for the light submenu;
  - Modbus register: 40228, bit 2;
  - BACnet object: BO38;
- BLIND: allows to set a password for the blind submenu;
  - Modbus register: 40228, bit 3;
  - BACnet object: BO39;
- ALARMS: allows to set a password for the alarms submenu;
  - Modbus register: 40228, bit 4;
  - BACnet object: BO40;
- SETTINGS: allows to set a password for the occupancy submenu;
  - Modbus register: 40228, bit 5;
  - BACnet object: BO41.

6.2.3 Icons Flashing

SUBMENU_ICON_FLASHING: allows to switch on or off blinking of submenu icons when normally displayed on the panel (not in the editing mode);

- Modbus register: 40229;
- BACnet objects: BO42-54;

SUBMENU_FLASHING_TIME: allows to set a time which constitutes a base for calculating a frequency of submenu icons flashing. This register has a min. value of 50 ms. The default value is 1000 ms (the icons are visible for 1000 ms and hidden for 1000/4=250 ms);

- Modbus register: 40222;
- BACnet object: AO15.

More details: Icons

6.2.4 Default Submenu

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

The default submenu displays:

- in the Control Point series:
  - fan mode;
  - occupancy status;
- in the Control Point VAV series:
  - occupancy status.

The default submenus are editable in both series.

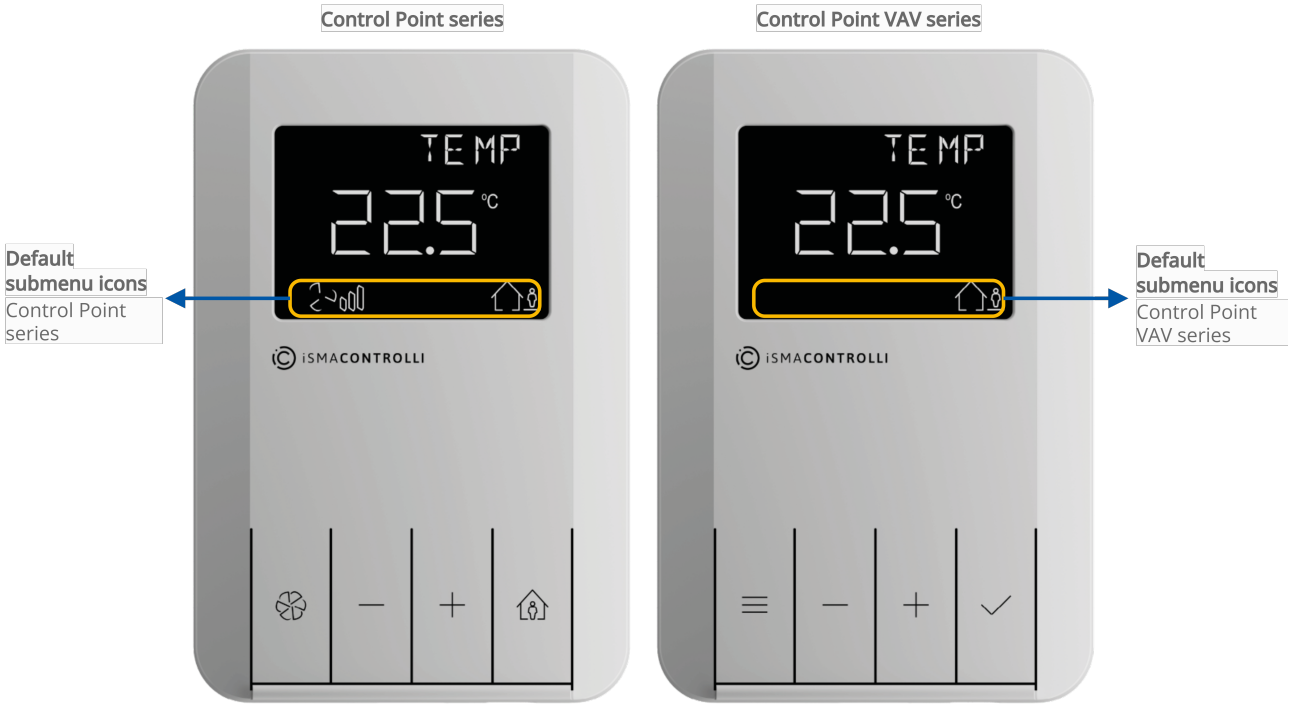

Figure 13. Default submenus in Control Point series and Control Point VAV

Panel Access to Default Submenu

To enter editing mode of the default submenu parameters:

- Control Point series:
  - press the fan or occupancy button;
    - if there are more than one submenu for a single submenu type (for example, two fans are connected), select a required submenu with -/+ buttons;
  - press the occupancy button to activate editing (the main value starts blinking);
  - change value using -/+ buttons;
  - confirm the new value with the occupancy button.
- Control Point VAV series:
  - press the OK (✓) button;
  - press the OK button to activate editing (the main value starts blinking);
  - change value using -/+ buttons;
  - confirm the new value with the OK button.

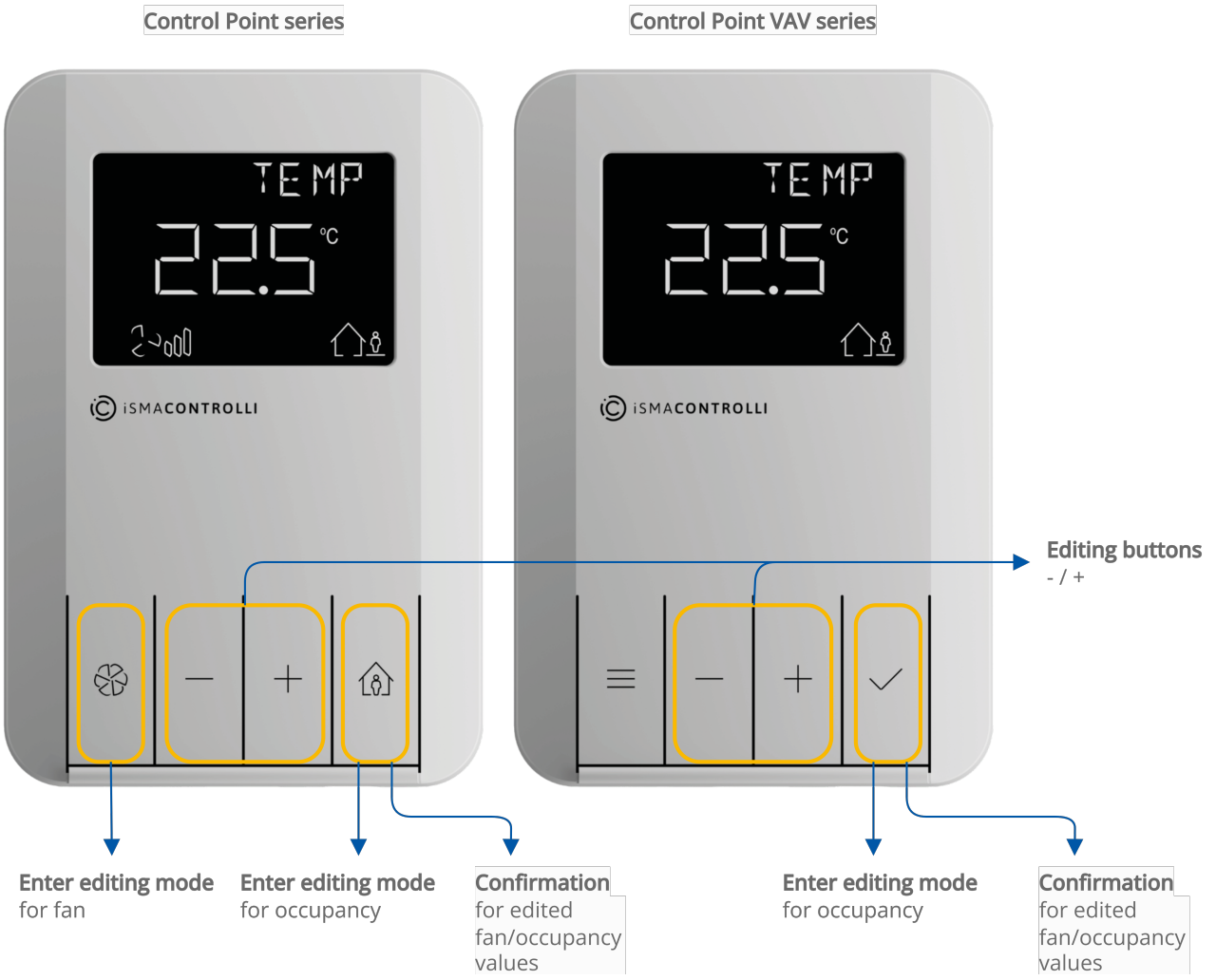

Figure 14. Editing default submenus

It is possible to change the default elements displayed in the submenu – remove default parameters, edit parameters of default elements.

There are 2 ways of editing default submenu parameters:

- using components in the iC Tool (recommended if the panel is connected to a controller);
- using Modbus registers/BACnet objects (directly).

Using Components in the iC Tool

Editing and Removing Default Elements of the Submenu

The kit including components necessary to edit of remove default elements in the submenu is the iSMA_RoomDevices_Modbus kit. The components in question are the component representing sensors available in the panel:

- FanSpeed (only for Control Point series);
- Occupancy.

To use any of these components, add them to the ModbusDevice component in the ModbusAsyncNetwork:

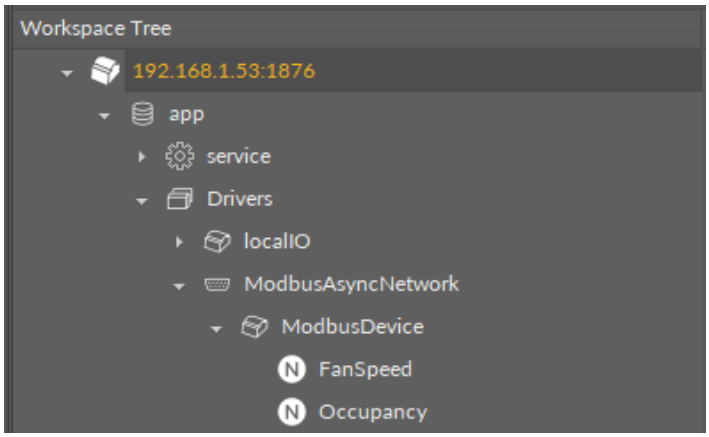

Figure 15. Components to edit/remove default elements in the submenu

To remove the element from the submenu:

- set the Visibility slot in the FanSpeed/Occupancy component to **false**, save the new setting using the **Save** button, and send the configuration to the panel using the **writeConfig** action.

To edit the way default elements of the submenu are displayed, use the remaining slots of the components. This way it is possible to change if the element is editable from the submenu, change the displayed name, and more.

To find out detailed information about the editing options of these components, go to FanSpeed / Occupancy.

Using Modbus Registers/BACnet Objects

This method is available directly in the panel.

This method requires the use of an **external Modbus or BACnet explorer** tool.

Editing and Removing User-defined Elements of the Submenu

To edit or remove default elements of the submenu using Modbus registers or BACnet objects, use the following parameters:

- Fan Control (Only Control Point Series)
- Occupancy Control.

6.2.5 User-defined Submenu

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

User-defined submenu means that the display either shows elements additional to the default set (sequence 1), or it is possible to remove default elements and display only user-defined ones (sequence 2):

There are 8 numeric and 8 Boolean user-defined parameters available that can be used to adjust elements displayed on the LCD display. All these parameters are read-only locally from the panel, writing is possible only from a higher-level system. Each parameter has to be activated to be visible. Active parameters are displayed in the bottom line of the display in a specified sequence. After a panel restart, user-defined parameters are not displayed until they are overwritten from a higher level system (master controller).

Access to each submenu can be password-protected.

There are 2 ways of setting user-defined parameters:

- using components in the iC Tool (recommended if the panel is connected to a controller);
- using Modbus registers/BACnet objects (directly).

Using Components in the iC Tool

This method is recommended and available if the panel is directly connected to a controller.

Adding New Elements to the Submenu

The kit including components for setting user-defined parameters in the submenu is the iSMA_RoomDevices_Modbus kit. The components in question are:

- SubmenuBoolean;
- SubmenuNumeric.

Each component is responsible for reading/writing and configuration of a single Boolean or numeric parameter, which will be placed in the panel's submenu.

To add a new parameter on the submenu, follow these steps:

- Add the SubmenuBoolean or SubmenuNumeric component to the ModbusDevice component in the ModbusAsyncNetwork;
- Select the type of submenu in the **Submenu** slot to one of the six available types;
- Set the **Point No** slot to one of the eight available slots;
- Configure the remaining slots as required;

To find out detailed information about editing options of these components, go to SubmenuBoolean / SubmenuNumeric.

- Save the component's configuration using the **Save** button;
- Send the configuration to the panel using the **writeConfig** action.

Using Modbus Registers/BACnet Objects

This method is available directly in the panel.

This method requires the use of an external Modbus or BACnet explorer tool.

Adding New Elements in the Submenu

It is possible to add 8 numeric and 8 Boolean submenu user-defined elements.

To add new elements to the submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

Temperature

To add new elements as the temperature submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

TEMPERATURE_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu temperature numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40059-40066 (TEMPERATURE_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV8-AV15, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40504-05, 40513-14, 40522-23, 40531-32, 40540-41, 40549-50, 40558-59, 40567-68 (TEMPERATURE_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV8-AV15, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 40504 register for letters TE and the 40505 register for letters MP. The displayed name is TEMP.

- STEP: allows to set a step of value change for the temperature submenu parameter (by default, 0);
  - Modbus registers: 40506, 40515, 40524, 40533, 40542, 40551, 40560, 40569 (TEMPERATURE_NUMERIC_1-8_STEP);
  - BACnet objects: AV8-AV15, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:

- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- **LOW_LIMIT:** allows to set a low limit value for the temperature submenu parameter (by default, 0);
  - Modbus registers: 40507, 40516, 40525, 40534, 40543, 40552, 40561, 40570 (TEMPERATURE_NUMERIC_1-8_LOW_LIMIT);
  - BACnet objects: AV8-AV15, property: Low Limit;
- **HIGH_LIMIT:** allows to set a high limit value for the temperature submenu parameter (by default, 0);
  - Modbus registers: 40508, 40517, 40526, 40535, 40544, 40553, 40562, 40571 (TEMPERATURE_NUMERIC_1-8_HIGH_LIMIT);
  - BACnet objects: AV8-AV15, property: High Limit;
- **PRIORITY:** allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40509, 40518, 40527, 40536, 40545, 40554, 40563, 40572 (TEMPERATURE_NUMERIC_1-8_PRIORITY):
  - BACnet objects: AV8-AV15, property: 4201;
- **CONFIGURATION:** allows to set the following configuration parameters: **parameter's visibility on the display**, **units**, **decimal places display**;
  - Modbus registers: 40510, 40519, 40528, 40537, 40546, 40555, 40564, 40573 (TEMPERATURE_NUMERIC_1-8_CONFIGURATION_1), 40500, 40511, 40520, 40529, 40538, 40547, 40556, 40565 (TEMPERATURE_NUMERIC_1-8_CONFIGURATION_2);
  - BACnet objects: AV8-AV15, properties: Out of Service, Units, 4202 (decimal places);

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

TEMPERATURE_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu temperature Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40122-40129 (TEMPERATURE_BOOLEAN_1-8_PRESENT_VALUE);
    - 40108 (TEMPERATURE_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in temperature submenus);
  - BACnet objects: BV8-BV15, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40576-77, 40586-87, 40596-97, 40606-07, 40616-17, 40626-27, 40636-37, 40646-47 (TEMPERATURE_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV8-BV15, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40576 register for letters BL and the 40577 register for letters ST. The displayed name is BLST (boiler supply temperature).

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40578-79, 40588-89, 40598-99, 40608-09, 40618-19, 40628-29, 40638-39, 40648-49 (TEMPERATURE_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV8-BV15, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40578 register for letters LO and the 40579 register for letter W. The displayed text is LOW.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40580-81, 40590-91, 40600-01, 40610-11, 40620-21, 40630-31, 40640-41, 40650-51 (TEMPERATURE_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV8-BV15, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40580 register for letters HI and the 40581 register for letters GH. The displayed text is HIGH.

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40582, 40592, 40602, 40612, 40622, 40632, 40642, 40652 (TEMPERATURE_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV8-BV15, property: 4201.

- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 40583, 40593, 40603, 40613, 40623, 40633, 40643, 40653 (TEMPERATURE_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV8-BV15, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available temperature submenus is activated;

- Modbus register: 40501 (TEMPERATURE_MENU_ACTIVE_POINTS).

Fan

To add new elements as the fan submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

FAN_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu fan numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40067-40074 (FAN_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV16-AV23, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40657-58, 40666-67, 40675-76, 40684-85, 40693-94, 40702-03, 40711-12, 40720-21 (FAN_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV16-AV23, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 40657 register for letters SP and the 40658 register for letters ED. The displayed name is SPED (speed).

- STEP: allows to set a step of value change for the fan submenu parameter (by default, 0);
  - Modbus registers: 40659, 40668, 40677, 40686, 40695, 40704, 40713, 40722 (FAN_NUMERIC_1-8_STEP);
  - BACnet objects: AV16-AV23, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:
- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- LOW_LIMIT: allows to set a low limit value for the fan submenu parameter (by default, 0);
  - Modbus registers: 40660, 40669, 40678, 40687, 40696, 40705, 40714, 40723 (FAN_NUMERIC_1-8_LOW_LIMIT);

    - BACnet objects: AV16-AV23, property: Low Limit;
- **HIGH_LIMIT:** allows to set a high limit value for the fan submenu parameter (by default, 0);
    - Modbus registers: 40661, 40670, 40679, 40688, 40697, 40706, 40715, 40724 (FAN_NUMERIC_1-8_HIGH_LIMIT);
    - BACnet objects: AV16-AV23, property: High Limit;
- **PRIORITY:** allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
    - Modbus registers: 40662, 40671, 40680, 40689, 40698, 40707, 40716, 40725 (FAN_NUMERIC_1-8_PRIORITY):
    - BACnet objects: AV16-AV23, property: 4201;
- **CONFIGURATION:** allows to set the following configuration parameters: **parameter's visibility on the display**, **units**, **decimal places display**;
    - Modbus registers: 40663, 40672, 40681, 40690, 40699, 40708, 40717, 40726 (FAN_NUMERIC_1-8_CONFIGURATION_1), 40655, 40664, 40673, 40682, 40691, 40700, 40709, 40718 (FAN_NUMERIC_1-8_CONFIGURATION_2);
    - BACnet objects: AV16-AV23, properties: Out of Service, Units, 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

FAN_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu fan Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40130-40137 (FAN_BOOLEAN_1-8_PRESENT_VALUE);

    - 40109 (FAN_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in fan submenus);
  - BACnet objects: BV16-BV23, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40729-30, 40739-40, 40749-50, 40759-60, 40769-70, 40779-80, 40789-90, 40799-800 (FAN_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV16-BV23, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40729 register for letters FA and the 40730 register for letters A1. The displayed name is FAN1.

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40731-32, 40741-42, 40751-52, 40761-62, 40771-72, 40781-82, 40791-92, 40801-02 (FAN_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV16-BV23, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40731 register for letters ON and the 40732 register left empty. The displayed text is ON.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40733-34, 40743-44, 40753-54, 40763-64, 40773-74, 40783-84, 40793-94, 40803-04 (FAN_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV16-BV23, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40733 register for letters OF and the 40734 register for letter F. The displayed text is OFF.

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40735, 40745, 40755, 40765, 40775, 40785, 40795, 40805 (FAN_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV16-BV23, property: 4201.
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 40736, 40746, 40756, 40766, 40776, 40786, 40796, 40806 (FAN_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV16-BV23, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available fan submenus is activated;

- Modbus register: 40654 (FAN_MENU_ACTIVE_POINTS).

Light

To add new elements as the light submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

LIGHT_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu light numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40075-40082 (LIGHT_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV24-AV31, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40810-11, 40819-20, 40828-29, 40837-38, 40846-47, 40855-56, 40864-65, 40873-74 (LIGHT_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV24-AV31, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 40810 register for letters DI and the 40811 register for letters MM. The displayed name is DIMM (dimmer).

- STEP: allows to set a step of value change for the light submenu parameter (by default, 0);
  - Modbus registers: 40812, 40821, 40830, 40839, 40848, 40857, 40866, 40875 (LIGHT_NUMERIC_1-8_STEP);
  - BACnet objects: AV24-AV31, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:

- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- LOW_LIMIT: allows to set a low limit value for the light submenu parameter (by default, 0);
  - Modbus registers: 40813, 40822, 40831, 40840, 40849, 40858, 40867, 40876 (LIGHT_NUMERIC_1-8_LOW_LIMIT);
  - BACnet objects: AV24-AV31, property: Low Limit;
- HIGH_LIMIT: allows to set a high limit value for the light submenu parameter (by default, 0);
  - Modbus registers: 40814, 40823, 40832, 40841, 40850, 40859, 40868, 40877 (LIGHT_NUMERIC_1-8_HIGH_LIMIT);
  - BACnet objects: AV24-AV31, property: High Limit;
- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);

    - Modbus registers: 40815, 40824, 40833, 40842, 40851, 40860, 40869, 40878 (LIGHT_NUMERIC_1-8_PRIORITY):
    - BACnet objects: AV24-AV31, property: 4201;
- CONFIGURATION: allows to set the following configuration parameters: parameter's visibility on the display, units, decimal places display;
    - Modbus registers: 40816, 40825, 40834, 40843, 40852, 40861, 40870, 40879 (LIGHT_NUMERIC_1-8_CONFIGURATION_1), 40808, 40817, 40826, 40835, 40844, 40853, 40862, 40871 (LIGHT_NUMERIC_1-8_CONFIGURATION_2);
    - BACnet objects: AV24-AV31, properties: Out of Service, Units, 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

LIGHT_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu light Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40138-40145 (LIGHT_BOOLEAN_1-8_PRESENT_VALUE);
    - 40110 (LIGHT_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in light submenus);
  - BACnet objects: BV24-BV31, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40882-83, 40892-93, 40902-03, 40912-13, 40922-23, 40932-33, 40942-43, 40952-53 (LIGHT_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV24-BV31, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40882 register for letters LA and the 40883 register for letters MP. The displayed name is LAMP.

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40884-85, 40894-95, 40904-05, 40914-15, 40924-25, 40934-35, 40944-45, 40954-55 (LIGHT_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV24-BV31, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40884 register for letters ON and the 40885 register left empty. The displayed text is ON.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40886-87, 40896-97, 40906-07, 40916-17, 40926-27, 40936-37, 40946-47, 40956-57 (LIGHT_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV24-BV31, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40886 register for letters OF and the 40887 register for letter F. The displayed text is OFF.

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40888, 40898, 40908, 40918, 40928, 40938, 40948, 40958 (LIGHT_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV24-BV31, property: 4201.
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 40889, 40899, 40909, 40919, 40929, 40939, 40949, 40959 (LIGHT_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV24-BV31, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available light submenus is activated;

- Modbus register: 40807 (LIGHT_MENU_ACTIVE_POINTS).

Blind

To add new elements as the blind submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

BLIND_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu blind numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40083-40090 (BLIND_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV32-AV39, property: Present Value;

- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 40963-64, 40972-73, 40981-82, 40990-91, 40999-1000, 41008-09, 41017-18, 41026-27 (BLIND_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV32-AV39, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 40963 register for letters BL and the 40964 register for letters D1. The displayed name is BLD1 (blind 1).

- STEP: allows to set a step of value change for the blind submenu parameter (by default, 0);
  - Modbus registers: 40965, 40974, 40983, 40992, 41001, 41010, 41019, 41028 (BLIND_NUMERIC_1-8_STEP);
  - BACnet objects: AV32-AV39, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:
- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- LOW_LIMIT: allows to set a low limit value for the blind submenu parameter (by default, 0);
  - Modbus registers: 40966, 40975, 40984, 40993, 41002, 41011, 41020, 41029 (BLIND_NUMERIC_1-8_LOW_LIMIT);
  - BACnet objects: AV32-AV39, property: Low Limit;
- HIGH_LIMIT: allows to set a high limit value for the blind submenu parameter (by default, 0);
  - Modbus registers: 40967, 40976, 40985, 40994, 41003, 41012, 41021, 41030 (BLIND_NUMERIC_1-8_HIGH_LIMIT);
  - BACnet objects: AV32-AV39, property: High Limit;
- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 40968, 40977, 40986, 40995, 41004, 41013, 41022, 41031 (BLIND_NUMERIC_1-8_PRIORITY):
  - BACnet objects: AV32-AV39, property: 4201;
- CONFIGURATION: allows to set the following configuration parameters: parameter's visibility on the display, units, decimal places display;
  - Modbus registers: 40969, 40978, 40987, 40996, 41005, 41014, 41023, 41032 (BLIND_NUMERIC_1-8_CONFIGURATION_1), 40961, 40967, 40979, 40988, 40997, 41006, 41015, 41024 (BLIND_NUMERIC_1-8_CONFIGURATION_2);

- BACnet objects: AV32-AV39, properties: Out of Service, Units, 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

BLIND_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu blind Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40146-40153 (BLIND_BOOLEAN_1-8_PRESENT_VALUE);
    - 40111 (BLIND_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in blind submenus);
  - BACnet objects: BV32-BV39, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41035-36, 41045-46, 41055-56, 41065-66, 41075-77, 41085-86, 41095-96, 41105-06 (BLIND_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV32-BV39, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41035 register for letters BL and the 41036 register for letters ND. The displayed name is BLND (blind).

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;

- Modbus registers: 41037-38, 41047-48, 41057-58, 41067-68, 41077-78, 41087-88, 41097-98, 41107-08 (BLIND_BOOLEAN_1-8_TRUE_TEXT_12-34);
- BACnet objects: BV32-BV39, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 40884 register for letters UP and the 40885 register left empty. The displayed text is UP.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41039-40, 41049-50, 41059-60, 41069-70, 41079-80, 41089-90, 41099-100, 41109-10 (BLIND_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV32-BV39, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41039 register for letters DO and the 41040 register for letters WN. The displayed text is DOWN.

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 41041, 41051, 41061, 41071, 41081, 41091, 41101, 41111 (BLIND_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV32-BV39, property: 4201.
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 41042, 41052, 41062, 41072, 41082, 41092, 41102, 41112 (BLIND_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV32-BV39, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available blind submenus is activated;

- Modbus register: 40960 (BLIND_MENU_ACTIVE_POINTS).

Alarms

To add new elements as the alarms submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

ALARMS_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu alarms numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40091-40098 (ALARMS_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV40-AV47, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41116-17, 41125-26, 41134-35, 41143-44, 41152-53, 41161-62, 41170-71, 41179-80 (ALARMS_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV40-AV47, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 41116 register for letters HL and the 41117 register for letter A. The displayed name is HLA (high limit alarm).

- **STEP:** allows to set a step of value change for the alarms submenu parameter (by default, 0);
  - Modbus registers: 41118, 41127, 41136, 41145, 41154, 41163, 41172, 41181 (ALARMS_NUMERIC_1-8_STEP);
  - BACnet objects: AV40-AV47, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:
- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- **LOW_LIMIT:** allows to set a low limit value for the alarms submenu parameter (by default, 0);
  - Modbus registers: 41119, 41128, 41137, 41146, 41155, 41164, 41173, 41182 (ALARMS_NUMERIC_1-8_LOW_LIMIT);
  - BACnet objects: AV40-AV47, property: Low Limit;
- **HIGH_LIMIT:** allows to set a high limit value for the alarms submenu parameter (by default, 0);
  - Modbus registers: 41120, 41129, 41138, 41147, 41156, 41165, 41174, 41183 (ALARMS_NUMERIC_1-8_HIGH_LIMIT);
  - BACnet objects: AV40-AV47, property: High Limit;
- **PRIORITY:** allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 41121, 41130, 41139, 41148, 41157, 41166, 41175, 41184 (ALARMS_NUMERIC_1-8_PRIORITY):
  - BACnet objects: AV40-AV47, property: 4201;
- **CONFIGURATION:** allows to set the following configuration parameters: **parameter's visibility on the display**, **units**, **decimal places display**;
  - Modbus registers: 41122, 41131, 41140, 41149, 41158, 41167, 41176, 41185 (ALARMS_NUMERIC_1-8_CONFIGURATION_1), 41114, 41123, 41132, 41141, 41150, 41159, 41168, 41174 (ALARMS_NUMERIC_1-8_CONFIGURATION_2);
  - BACnet objects: AV40-AV47, properties: Out of Service, Units, 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

ALARMS_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu alarms Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40154-40161 (ALARMS_BOOLEAN_1-8_PRESENT_VALUE);
    - 40112 (ALARMS_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in alarms submenus);
  - BACnet objects: BV40-BV47, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41188-89, 41198-99, 41208-09, 41218-19, 41228-29, 41238-39, 41248-49, 41258-59 (ALARMS_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV40-BV47, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41188 register for letters AC and the 41189 register for letters O2. The displayed name is ACO2 (CO_2 alarm).

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41190-91, 41200-01, 41210-11, 41220-21, 41230-31, 41240-41, 41250-51, 41260-61 (ALARMS_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV40-BV47, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41190 register for letters OK and the 41191 register left empty. The displayed text is OK.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41192-93, 41202-03, 41212-13, 41222-23, 41232-33, 41242-43, 41252-53, 41262-63 (ALARMS_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV40-BV47, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41192 register for letters EX and the 41193 register for letters CD. The displayed text is EXCD (exceeded).

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 41194, 41204, 41214, 41224, 41234, 41244, 41254, 41264 (ALARMS_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV40-BV47, property: 4201.
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 41195, 41205, 41215, 41225, 41235, 41245, 41255, 41265 (ALARMS_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV40-BV47, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available alarms submenus is activated;

- Modbus register: 41113 (BLIND_MENU_ACTIVE_POINTS).

Occupancy

To add new elements as the occupancy submenu, according to user requirements, using Modbus registers or BACnet objects, use the following parameters:

SETTINGS_NUMERIC_1-8: allows to activate/deactivate and define details of the user-defined submenu occupancy numeric element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40099-40106 (SETTINGS_NUMERIC_1-8_PRESENT_VALUE);
  - BACnet objects: AV48-AV55, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41269-70, 41278-79, 41287-88, 41296-97, 41305-06, 41314-15, 41323-24, 41332-33 (SETTINGS_NUMERIC_1-8_NAME_12-34);
  - BACnet objects: AV48-AV55, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu numeric parameter 1, use the 41269 register for letters OC and the 41270 register for letters CL. The displayed name is OCCL (occupancy limit).

- **STEP:** allows to set a step of value change for the occupancy submenu parameter (by default, 0);
  - Modbus registers: 41271, 41280, 41289, 41298, 41307, 41316, 41325, 41334 (SETTINGS_NUMERIC_1-8_STEP);
  - BACnet objects: AV48-AV55, property: 4206;

The step value is dependent on the setting of decimal places in the CONFIGURATION_1 parameter.
If the STEP parameter is set to 10, then:
- if one decimal place is activated in the CONFIGURATION_1 parameter, the effective step value equals 1 (10/10);
- if two decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.1 (10/100);
- if three decimal places are activated in the CONFIGURATION_1 parameter, the effective step value equals 0.01 (10/1000);

- **LOW_LIMIT:** allows to set a low limit value for the occupancy submenu parameter (by default, 0);
  - Modbus registers: 41272, 41281, 41290, 41299, 41308, 41317, 41326, 41335 (SETTINGS_NUMERIC_1-8_LOW_LIMIT);
  - BACnet objects: AV48-AV55, property: Low Limit;
- **HIGH_LIMIT:** allows to set a high limit value for the occupancy submenu parameter (by default, 0);
  - Modbus registers: 41273, 41282, 41291, 41300, 41309, 41318, 41327, 41336 (SETTINGS_NUMERIC_1-8_HIGH_LIMIT);
  - BACnet objects: AV48-AV55, property: High Limit;
- **PRIORITY:** allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 41274, 41283, 41292, 41301, 41310, 41319, 41328, 41337 (SETTINGS_NUMERIC_1-8_PRIORITY):
  - BACnet objects: AV48-AV55, property: 4201;
- **CONFIGURATION:** allows to set the following configuration parameters: **parameter's visibility on the display**, **units**, **decimal places display**;
  - Modbus registers: 41275, 41284, 41293, 41302, 41311, 41320, 41329, 41338 (SETTINGS_NUMERIC_1-8_CONFIGURATION_1), 41267, 41276, 41285, 41294, 41303, 41312, 41321, 41330 (SETTINGS_NUMERIC_1-8_CONFIGURATION_2);
  - BACnet objects: AV48-AV55, properties: Out of Service, Units, 4202 (decimal places).

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
Visibility	Visible	CONFIGURATION, bit 0	1	Out of Service	True

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	Not visible (default)		0		False
Units	C	CONFIGURATION, bit 6	1 (active)	Units	62
			0 (inactive, default)		
	F	CONFIGURATION, bit 7	1 (active)	Units	64
			0 (inactive, default)		
	Pa	CONFIGURATION, bit 8	1 (active)	Units	53
			0 (inactive, default)		
	Lx	CONFIGURATION, bit 9	1 (active)	Units	37
			0 (inactive, default)		
	ppm	CONFIGURATION, bit 10	1 (active)	Units	96
			0 (inactive, default)		
	m^3/h	CONFIGURATION, bit 11	1 (active)	Units	135
			0 (inactive, default)		
	%Rh	CONFIGURATION, bit 12	1 (active)	Units	29
			0 (inactive, default)		
	L/s	CONFIGURATION, bit 13	1 (active)	Units	87
			0 (inactive, default)		
	%	CONFIGURATION, bit 14	1 (active)	Units	98
			0 (inactive, default)		
	inWC	CONFIGURATION_1, bit 0	1 (active)	Units	58
			0 (inactive, default)		

Parameter	Value	Modbus register bit (same for all registers listed above)		BACnet property	
	CFM	CONFIGURATION_1, bit 1	1 (active)	Units	84
			0 (inactive, default)		
Decimal places	No decimal place active	CONFIGURATION, bits 2-4	0 (inactive, default)	4201	0
	1 decimal place	CONFIGURATION, bit 2	1 (active)	4201	1
			0 (inactive, default)		
	2 decimal places	CONFIGURATION, bit 3	1 (active)	4201	2
			0 (inactive, default)		
	3 decimal places	CONFIGURATION, bit 4	1 (active)	4201	3
			0 (inactive, default)		

SETTINGS_BOOLEAN_1-8: allows to activate/deactivate and define details of the user-defined submenu occupancy Boolean element;

- PRESENT_VALUE: a value of the menu parameter displayed on the panel;
  - Modbus registers: 40162-40169 (SETTINGS_BOOLEAN_1-8_PRESENT_VALUE);
    - 40113 (SETTINGS_BOOLEAN_ALL_PRESENT_VALUE - shows present values for all defined Boolean parameters in occupancy submenus);
  - BACnet objects: BV48-BV55, property: Present Value;
- NAME/Description: allows to set a text displayed on the panel as the menu parameter's name. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41341-42, 41351-52, 41361-62, 41371-72, 41381-82, 41391-92, 41401-02, 41411-12 (SETTINGS_BOOLEAN_1-8_NAME_12-34);
  - BACnet objects: BV48-BV55, property: Description;

To set a 4-letter name using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41341 register for letters OC and the 41342 register for letters CP. The displayed name is OCCP.

- TRUE_TEXT: allows to set a specific text representing the 1 (Modbus)/true (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41343-44, 41353-54, 41363-64, 41373-74, 41383-84, 41393-94, 41403-04, 41413-14 (SETTINGS_BOOLEAN_1-8_TRUE_TEXT_12-34);
  - BACnet objects: BV48-BV55, property: 4203;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41343 register for letters FU and the 41344 register for letters LL. The displayed text is FULL.

- FALSE_TEXT: allows to set a specific text representing the 0 (Modbus)/false (BACnet) value displayed on the panel. It is possible to set a name of max. 4 letter characters, always displayed in upper-case letters;
  - Modbus registers: 41345-46, 41355-56, 41365-66, 41375-76, 41385-86, 41395-96, 41405-06, 41415-16 (SETTINGS_BOOLEAN_1-8_FALSE_TEXT_12-34);
  - BACnet objects: BV48-BV55, property: 4204;

To set a 4-letter text using Modbus registers, it is required to use 2 16-bit registers, for example: for submenu Boolean parameter 1, use the 41345 register for letters EM and the 41346 register for letters PT. The displayed text is EMPT (empty).

- PRIORITY: allows to set a priority of displaying the parameter in the submenu sequence: 0-15 (0 - the element is displayed last, 15 - the element is displayed first in the sequence);
  - Modbus registers: 41347, 41357, 41367, 41377, 41387, 41397, 41407, 41417 (SETTINGS_BOOLEAN_1-8_PRIORITY):
  - BACnet objects: BV48-BV55, property: 4201.
- CONFIGURATION: allows to set the parameter's visibility on the display: 0/false - not visible (default), 1/true - visible;
  - Modbus registers: 41348, 41358, 41368, 41378, 41388, 41398, 41408, 41418 (SETTINGS_BOOLEAN_1-8_CONFIGURATION);
  - BACnet objects: BV48-BV55, property: Out of Service.

ACTIVE_POINTS: contains information if any of the available occupancy submenus is activated;

- Modbus register: 41266 (SETTINGS_MENU_ACTIVE_POINTS).

Removing User-defined Elements from the Submenu

To remove any element from the user-defined submenu, using Modbus registers/BACnet objects, go to the CONFIGURATION parameter and set the bit 0/Out of Service property to 0/false.

Panel Access to User-defined Submenu

To edit the user-defined submenu, follow these steps:

- Control Point series:
  - long-press the fan button;
    - if there are more than one submenu for a single submenu type (for example, temperature submenus for supply and return temperature), select a required submenu with -/+ buttons;
  - press the occupancy button to activate editing (the main value starts blinking);
  - change value using -/+ buttons;
  - confirm the new value with the occupancy button.
- Control Point VAV series:
  - press the menu button;

- if there are more than one submenu for a single submenu type (for example, temperature submenus for supply and return temperature), select a required submenu with -/+ buttons;
- press the confirmation button to activate editing (the main value starts blinking);
- change value using -/+ buttons;
- confirm the new value with the confirmation button.

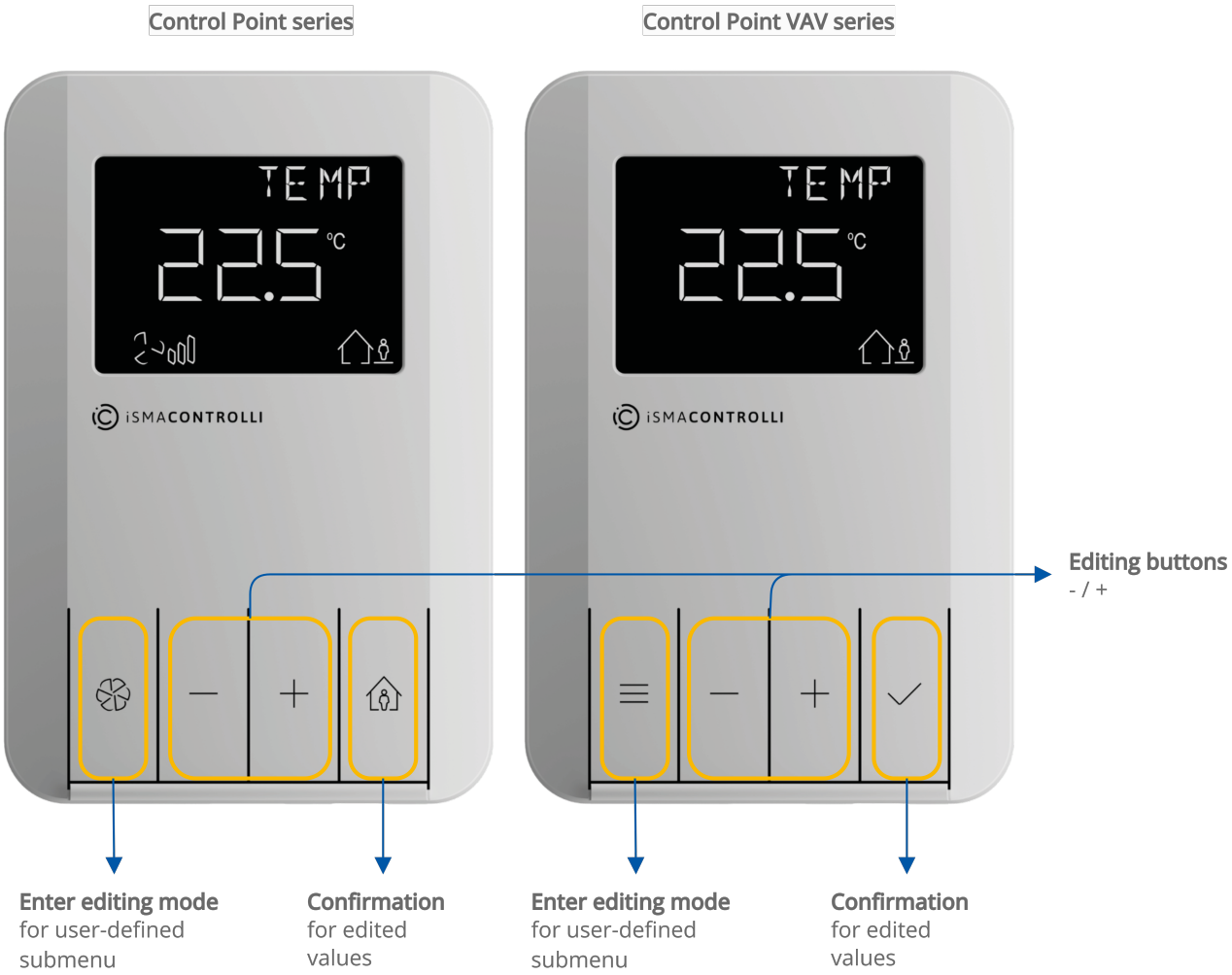

Figure 16. Editing user-defined submenus

7 Sensors Parameters

Warning!

This section applies to all Touch Point series: the Control Point and Control Point VAV series.

The Control Point panel supports 3 types of sensors, all of which are equipped with configurable software filter and user offset. Values measured by sensors can be shown on the device's display or read through communication protocols.

Information about available sensors can be read from the following register or in the iSMA Configurator:

SENSORS: contains an information about the sensors built-in the panel according to the table below (if the bit is active, it means the sensor is built-in in the panel):

Bit	Built-in Sensors
0	Humidity sensor
1	CO_2 sensor
2	Temperature sensor

Table 9. Sensors built-in in the panel

- Modbus register: 30029;
- BACnet object: MSI1, property: Present Value.

7.1 Temperature Sensor

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

A temperature sensor is a standard equipment in the Control Point panel. The temperature sensor's configuration data is available in the following parameters or in the iSMA Configurator:

TEMPERATURE_SENSOR: indicates a current temperature value with offset;

- Modbus register: 30301;
- BACnet object: AI4, property: Present Value;

TEMPERATURE_SENSOR_OFFSET: allows to set an offset value for the temperature sensor (correction to the temperature sensor's value). The default value is 0;

- Modbus register: 40304;
- BACnet object: AI4, property: 4205;

TEMPERATURE_FILTER: allows to set a filtering value for the temperature sensor (expressed in seconds). The default value is 10 seconds;

- Modbus register: 40307;
- BACnet object: AI4, property: 4003;

TEMPERATURE_NAME: allows to set a unique 4-letter name for a temperature sensor;

- Modbus registers: 40310, 40311 (each for two letters of the name);
- BACnet object: AI 4, property: Description Property.

7.1.1 Configuration of Temperature Sensor

TEMPERATURE_CONFIGURATION: allows to configure the temperature sensor with two bits:

- ACTIVE: activates or deactivates the sensor;
  - Modbus register: 40316, bit 0;
  - BACnet object: AO4, property: 4200;
- THIRD_POINT_ACTIVE: enables or disables decimal values in the sensor;
  - Modbus register: 40316, bit 4;
  - BACnet object: AO4, property: 4202;

Bit	Name	0	1
0	ACTIVE	Inactive	Active (default)
4	THIRD_POINT_ACTIVE	No decimal	Decimal (default)

Table 10. Configuration of temperature sensor

7.1.2 Temperature Setpoint

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

The Control Point panel has a feature of setting a temperature setpoint and sending it through communication protocols to any temperature control device. The temperature setpoint value is configurable through the following parameters or in the iSMA Configurator:

SETPOINT: allows to set an actual temperature setpoint value. After reset, the DEFAULT_SETPOINT register's value is set to the SETPOINT register. The register contains a value multiplied by 10. The value range is 0-2120 (0-212^{o}C), the default setpoint is 21^{o}C;

- Modbus register: 41501;
- BACnet object: AV56, property: Present Value;

EFFECTIVE_SETPOINT: indicates a sum of the temperature actual setpoint value and offset. The register contains a value multiplied by 10;

- Modbus register: 41502;
- BACnet object: AI3, property: Present Value;

DEFAULT_SETPOINT: contains a temperature default setpoint value. The default setpoint is set as a setpoint value after the panel's restart or power supply reconnection (the value of the DEFAULT_SETPOINT register is written to the SETPOINT register). The register

contains a value multiplied by 10. The value range is 0-2120 (0-212^{o}C), the default value is 210 (21^{o}C);

- Modbus register: 41503;
- BACnet object: AV57, property: Present Value;

OFFSET_SETPOINT: allows to set an offset value to the temperature setpoint (correction to the setpoint's value). The register contains a value multiplied by 10. The value range is -2120-2120 (-212-212^{o}C), the default value is 0 (0^{o}C);

- Modbus register: 41504;
- BACnet object: AV58, property: Present Value.

Above parameters can be limited to certain values stored in the following parameters:

SETPOINT_LOW_LIMIT: allows to set a minimum temperature setpoint value, which can be set by user. The register contains a value multiplied by 10. The value range is 0-2120 (0-212^{o}C), the default value is 180 (18^{o}C);

- Modbus register: 41505;
- BACnet object: AV56, property: Low Limit;

SETPOINT_HIGH_LIMIT: allows to set a maximum temperature setpoint value, which can be set by user. The register contains a value multiplied by 10. The value range is 0-2120 (0-212^{o}C), the default value is 240 (24^{o}C);

- Modbus register: 41506;
- BACnet object: AV56, property: High Limit;

OFFSET_RANGE: allows to set a limit for temperature offset value. The register contains a value multiplied by 10. The value range is 0-2120 (0-212^{o}C), the default value is 30 (3^{o}C);

- Modbus register: 41507;
- BACnet object: AV59, property: Present Value.

Configuration of Temperature Setpoint

SETPOINT_CONFIGURATION: allows to configure the temperature setpoint with in six aspects:

- SETPOINT_VISIBILITY: enables or disables the temperature setpoint to be visible on the panel's display in the main menu;
  - Modbus register: 41513, bit 0;
  - BACnet object: AV56, property: Out Of Service;
- SETPOINT_EDITION: enables or disables editing of the temperature setpoint locally from the panel in the main menu;
  - Modbus register: 41513, bit 1;
  - BACnet object: AV56, property: 4200;
- OPERATING_MODE: allows to set the operating mode of the temperature setpoint configuration;
  - Modbus register: 41513, bit 2;
  - BACnet object: BO55, property: Out Of Service;
- SETPOINT_DISPLAY: allows to configure the temperature setpoint display;
  - Modbus register: 41513, bit 3;

    - BACnet object: BO56, property: Out Of Service;
- **THIRD_POINT_ACTIVE:** enables or disables decimal values in the temperature setpoint;
    - Modbus register: 41513, bit 4;
    - BACnet object: AV56, property: 4202;
- **FAST_EDIT_MODE:** allows to select between a setpoint normal edit mode and fast edit mode;
    - Modbus register: 41513, bit 5;
    - BACnet object: BO57.4

Normal edit mode

If the bit 5 is false, the normal edit mode is active. The setpoint can be changed by the arrow buttons. The newly chosen setpoint has to be confirmed by pressing the occupancy/OK button. Confirmation of entering the new setpoint is signalized by double blink of the new setpoint and double buzzer signal (if enabled in the DEVICE_CONFIGURATION register, bit 0).
If the setpoint change is complete, the main menu is displayed. Pressing the fan/menu button, before confirming the new setpoint, cancels the new setpoint setting procedure, and the user returns to the main menu. If the new setpoint is not confirmed during time value stored in the EXIT_EDIT_TIME register, setting this new setpoint has failed, and the main menu is displayed.

Fast edit mode

If the bit 5 is true, the fast edit mode is active, and setting the new setpoint does not need a confirmation. The new setpoint is selected by pressing the occupancy/OK button. Pressing any other button confirms the setpoint choice. The same situation is when time value in the EXIT_EDIT_TIME register elapses. The newly chosen setpoint is confirmed. Confirmation of the new setpoint is signalized by double blink of the new setpoint name and double buzzer signal (if enabled in the DEVICE_CONFIGURATION register, bit 0). Once the setpoint selection procedure is complete, the main menu is displayed.

Bit	Name	0	1
0	Visible	Not visible	Visible (default)
1	Editable	Not editable	Editable (default)
2	Operating mode	Changing offset	Changing setpoint (default)
3	Setpoint display	Show/change offset (OFFSET_SETPOINT value)	Show/change effective setpoint (EFFECTIVE_SETPOINT value)
4	ThirdPointActive	No decimal	Decimal (default)
5	Fast edit mode	Normal edit mode	Fast edit mode

Table 11. Temperature setpoint configuration

SETPOINT_NAME: allows to set a unique 4-letter name for a temperature setpoint;

- Modbus registers: 41511, 41512 (each for two letters of the name);

- BACnet object: AV56, property: Description Property;

OFFSET_NAME: allows to set a unique 4-letter name for a temperature setpoint offset;

- Modbus registers: 41509, 41510 (each for two letters of the name);
- BACnet object: AV58, property: Description Property;

SETPOINT_STEP: allows to set a temperature's setpoint step value. If the setpoint is changed locally from the panel (using -/+ buttons), a single press of a button causes a setpoint change with the step value stored in this register. The setpoint can be changed in the range determined by setpoint limits stored in the SETPOINT_LOW_LIMIT and SETPOINT_HIGH_LIMIT parameters.

The setpoint's step value is also automatically adjusted to the setpoint display precision. If the bit 4 of the SETPOINT_CONFIGURATION register is true, the setpoint value is displayed with one decimal place. In such case, the setpoint's step value is also adjusted to one decimal place. The register contains a value multiplied by 10. The default value is 10 ($1^{O}C$);

- Modbus register: 41508
- BACnet object: AV56, property: 4206;

EXIT_EDIT_TIME: allows to set the time after which edition of any editable parameter is finished. The parameter is set in seconds. The default value is set to 5 seconds;

- Modbus register: 40224
- BACnet object: AO17, property: Present Value.

How to Change the Temperature Setpoint on the Front Panel?

- Press a + or - button to enter an edit mode (display should start blinking with a current value);
- Change the temperature setpoint value by steps set in the SETPOINT_STEP:
  - - button decreases the value;
  - + button increases the value.
- Increasing or decreasing the value will be impossible after reaching limits set in the SETPOINT_LOW_LIMIT and SETPOINT_HIGH_LIMIT parameters.
- To save a new value, press the occupancy/confirmation button.

7.2 Humidity Sensor (Optional)

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

A humidity sensor is an optional equipment in the Control Point panel. It is marked with a letter H in a product code, for example: CP-H (means the panel is equipped with a temperature sensor and humidity sensor). The humidity sensor's configuration data is available in the following parameters or in the iSMA Configurator:

HUMIDITY_SENSOR: indicates a current humidity value with offset;

- Modbus register: 30302;
- BACnet object: AI5, property: Present Value;

HUMIDITY_SENSOR_OFFSET: allows to set an offset value for the humidity sensor (correction to the humidity sensor's value). The default value is 0;

- Modbus register: 40305;
- BACnet object: AI5, property: 4205;

HUMIDITY_FILTER: allows to set a filtering value for the humidity sensor (expressed in seconds). The default value is 10 seconds.

- Modbus register: 40308;
- BACnet object: AI5, property: 4205;

HUMIDITY_NAME: allows to set a unique 4-letter name for a humidity sensor;

- Modbus registers: 40312, 40313 (each for two letters of the name);
- BACnet object: AI 5, property: Description Property.

7.2.1 Configuration of Humidity Sensor on Display

HUMIDITY_CONFIGURATION: allows to configure the humidity sensor with two bits:

- ACTIVE: activates or deactivates the sensor;
  - Modbus register: 40317, bit 0;
  - BACnet object: AO5, property: 4200;
- THIRD_POINT_ACTIVE: enables or disables decimal values in the sensor;
  - Modbus register: 40317, bit 4;
  - BACnet object: AO5, property: 4202;

Bit	Name	0	1
0	ACTIVE	Inactive	Active (default)
4	THIRD_POINT_ACTIVE	No decimal	Decimal (default)

Table 12. Configuration of humidity sensor

7.3 CO2 Sensor (Optional)

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

A CO_2 sensor is an optional equipment in the Control Point panel. It is marked with a letter C in a product code, for example: CP-HC (means the panel is equipped with a temperature, humidity, and CO_2 sensors). The CO_2 sensor's configuration data is available in the following parameters or in the iSMA Configurator:

CO2_SENSOR: indicates a current CO_2 value with offset;

- Modbus register: 30303;
- BACnet object: AI6, property: Present Value;

CO2_OFFSET: allows to set an offset value for the CO_2 sensor (correction to the CO_2 sensor's value). The default value is 0;

- Modbus register: 40306;

- BACnet object: AI6, property: 4205;

CO2_FILTER: allows to set a filtering value for the CO_2 sensor (expressed in seconds). The default value is 10 seconds;

- Modbus register: 40309;
- BACnet object: AI6, property: 4003;

CO2_NAME: allows to set a unique 4-letter name for a CO_2 sensor;

- Modbus registers: 40314, 40315 (each for two letters of the name);
- BACnet object: AI 6, property: Description Property.

7.3.1 Configuration of CO_2 Sensor on Display

CO2_CONFIGURATION: allows to activate or deactivate the CO2 sensor:

- ACTIVE: activates or deactivates the sensor;
  - Modbus register: 40318, bit 0;
  - BACnet object: AO6, property: 4200;

Bit	Name	0	1
0	ACTIVE	Inactive	Active (default)

Table 13. Activating CO2 sensor

7.3.2 CO2 Alarm

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

Devices equipped with the CO_2 sensor can monitor a CO_2 concentration and alarm user in case of too high values. An alarm state is presented in the following parameter or in the iSMA Configurator:

CO2_ALARM_STATUS: indicates a current status of the CO_2 alarm;

- Modbus register: 30230;
- BACnet object: BI0, property: Present Value.

The CO2 alarm can be configured using the following parameters:

CO2_SETPOINT_FOR_ALARM: allows to set a tipping point for CO_2 alarm. The default value is set to 1500 ppm;

- Modbus register: 40226;
- BACnet object: AO19, property: Present Value;

CO2_HYSTERESIS_FOR_ALARM: allows to set a hysteresis value for launching the CO_2 alarm. The default value is set to 100 ppm;

- Modbus register: 40227;
- BACnet object: AO20, property: Present Value.

Configuration of CO_2 Alarm

When the alarm triggers (the ALARM_STATUS register's value is 1), it can be confirmed by pressing any touch button. It stops a visualization of the alarm status, but does not affect the ALARM_STATUS parameter.

The alarm confirmation can be configured in the following parameter:

DEVICE_CONFIGURATION:

- **CO2_ALARM_CONFIRM:** allows to enable confirmation of the CO_2 alarm with any button of the panel;
  - Modbus register: 40205, bit 8;
  - BACnet object: BO63, property: Present Value.

After the CO_2 alarm triggers, the feature takes control over the display and illumination and starts blinking. The control is returned to normal after the alarm is confirmed or after the CO_2 value decreases below the CO2_SETPOINT_FOR_ALARM level (taking the CO2_HYSTERESIS_FOR_ALARM value into account).

This feature is active by default and cannot by turned off. However, a user can decide if the alarm status should be visible through user interface:

- **CO2_ALARM_LCD:** switches on the function of LCD background illumination flashing when the CO_2 alarm occurs. If the bit 5 is true, the CO_2 alarm is indicated by the LCD display flashing;
  - Modbus register: 40205, bit 5;
  - BACnet object: BO5, property: Present Value;
- **CO2_ALARM_BUZZER:** switches a buzzer on when the CO_2 alarm occurs. If the bit 6 is true, the CO_2 alarm is indicated by the buzzer, which emits sounds with 1 Hz frequency;
  - Modbus register: 40205, bit 6;
  - BACnet object: BO6, property: Present Value.

8 Fan Control

Warning!

This section applies to the Control Point and - conditionally - Control Point VAV series. Fan control is not supported in the Control Point VAV series by default, however, it can be activated using Modbus registers/BACnet objects. Please note that the Control Point VAV series is not equipped with fan control buttons on the front panel.

This feature allows a user to control ventilation devices through the following parameters or in the iSMA Configurator:

FAN_MODE: allows to select a fan mode. There are up to 5 different fan modes, which can be selected locally from the panel.

Parameter value	Fan mode
0	Off (default)
1	Manual, speed 1
2	Manual, speed 2
3	Manual, speed 3
4	Auto

Table 14. Fan modes

- Modbus register: 41602;
- BACnet object: MSV1, property: Present Value;

FAN_CURRENT_SPEED: allows to set the fan operating speed and mode according to the table below:

Parameter value	Fan mode	Description
0	Off (default)	Fan is off
1	Manual speed 1	Fan works in speed 1, manual mode
2	Manual speed 2	Fan works in speed 2, manual mode
3	Manual speed 3	Fan works in speed 3, manual mode
4	Auto speed 1	Fan works in speed 1, auto mode
5	Auto speed 2	Fan works in speed 2, auto mode
6	Auto speed 3	Fan works in speed 3, auto mode

Table 15. The FAN_CURRENT_SPEED register values

- Modbus register: 41601;
- BACnet object: MSV0, property: Present Value.

This value can be updated in two ways depending on the FAN_CONFIG_LOCAL_MODE parameter (see the table):

FAN_CONFIGURATION: allows to configure the following parameters:

- FAN_CURRENT_SPEED_VISIBILITY: allows to activate or deactivate a fan current speed visibility on the display. If the bit 0 is active, the fan current speed is visible as a group of icons. The icons indicate fan activity (run status), actual speed, and auto/manual mode.
  - Modbus register: 41614, bit 0;
  - BACnet object: MSV1, property: Out of Service;
- FAN_EDITION: allows to determine if the FAN_MODE is editable locally from the panel. If the bit 1 is true, the fan edit submenu is active, and the user can set the FAN_MODE. If the bit 1 is false, the fan edit submenu is inactive. The default value is 1 (FAN_MODE is editable).
  - Modbus register: 41614, bit 1;
  - BACnet object: MSV1, property: 4200;
- PART_EDITABLE: allows to switch between the fan full edition and fan part edition modes;
  - Modbus register: 41614, bit 2;
  - BACnet object: BO58, property: Present Value.

Full edition mode: in the fan full edition mode, all modes stored in the FAN_MODE register are available from the fan edit submenu level;
Part edition mode: in the fan part edition mode, the user can switch only between the auto and off FAN_MODE register values from the fan edit submenu level; all other fan modes are unavailable.

- FAN_CONFIG_FAST_EDIT_MODE: allows to switch between the fan normal edit (default) and fan fast edit modes;
  - Modbus register: 41614, bit 5;
  - BACnet object: BO59, property: Present Value.

Normal edit mode: In the normal edit mode, any change of the edited value has to be confirmed with an occupancy button (Control Point series) or OK button (Control Point VAV series). The new value is signalized by a double blink of its name and assigned icon, and a double buzzer signal (if enabled, DEVICE_CONFIGURATION, bit 0). Once the new value selection is completed, the main menu is displayed. Pressing the fan (Control Point series) or menu (Control Point VAV) button, before confirming the new value, cancels setting the new value, and the user gets back to the main menu. If the new value is not confirmed during a time value stored in the EXIT_EDIT_TIME register, its setting is failed and the main menu is displayed.
Fast edit mode: In the fast edit mode, the change of the edited value value does not need any confirmation. The new value is saved either by pressing any button or when the EXIT_EDIT_TIME elapses. The new value is signalized by a double blink of its name and assigned icon, and a double buzzer signal (if enabled, DEVICE_CONFIGURATION, bit 0). Once the new value is saved, the main menu is displayed.

- FAN_CONFIG_LOCAL_MODE: allows to set the fan to work either in the local mode or BMS mode (default);
  - Modbus register: 41614, bit 6;

- BACnet object: BO60, property: Present Value;

Local mode: the panel's fan setting works in a local mode (the value of the FAN_CURRENT_SPEED register is determined by the value of the FAN_MODE register and so the value of the FAN_CURRENT_SPEED register cannot be overwritten by the higher level system);
BMS mode: the panel's fan setting works in the BMS mode. The FAN_MODE register works separately from the FAN_CURRENT_STATUS register.

FAN_TYPE: allows to select a fan type. The fan type selection determines, which fan modes are available in the FAN_MODE register.

Parameter value	Fan type
0	0-10 V
1	1-speed fan
2	2-speed fan
3	3-speed fan
4	1-speed, no auto mode
5	2-speed, no auto mode
6	3-speed, no auto mode

Table 16. Fan types

- Modbus register: 41603;
- BACnet object: MSV2, property: Present Value.

FAN_MODE_NAME: ten registers that allow to set a unique 4-letter name for each fan mode;

- Modbus registers: 41604-41613;
- BACnet object: MSV1, property: State.

FAN_ICON_FLASHING_TIME: contains a time value in milliseconds, which is the base for calculating a frequency of flashing run indication icons (setting a rotation speed of the run indication symbol). This register has a software limitation, where the minimum time value is 50 ms. By default, the time value is set to 500 ms (fan run indication icons change repeatedly with 2 Hz frequency).

- Modbus register: 41615;
- BACnet object: AO21, property: Present Value.

8.1 User Interface for Fan Control

It is possible to change the fan mode depending on the set fan type.

How to Change the Fan Mode on the Front Panel?

- Press a fan button to enter an edit mode (display should start blinking with a current value);
- Change the fan mode using - and + buttons;
- To save a new value, press the occupancy/confirmation button.

More details: User-defined submenu

9 Occupancy Control

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

This feature allows a user to control occupancy through the following parameters or in the iSMA Configurator:

OCCUPIED_MODE: allows to set an occupancy mode in the panel according to the table below:

Parameter value	Occupancy mode
0	Unoccupied
1	Occupied

Table 17. Occupancy modes

- Modbus register: 41702;
- BACnet object: MSV4, property: Present Value;

CURRENT_OCCUPIED_STATUS: allows to set a current occupancy status. The current occupancy status is displayed on the bottom right corner icon (a person inside a house icon – occupied, outside the house – unoccupied);

Parameter value	Occupancy Status
0	Unoccupied
1	Occupied
2	Standby
3	Forced occupied

Table 18. Occupancy statuses

- Modbus register: 41701;
- BACnet object: MSV3, property: Present Value.

This value can be updated in two ways depending on the OCCUPIED_CONFIG_LOCAL_MODE parameter:

OCCUPIED_CONFIGURATION: allows to configure the following parameters:

- VISIBILITY: allows to activate or deactivate the occupancy current status visibility in the display;
  - Modbus register: 41707, bit 0;
  - BACnet object: MSV4, property: Out of service;
- EDITION: enables or disables the occupancy to be edited locally from the panel;
  - Modbus register: 41707, bit 1;
  - BACnet object: MSV4, property: 4200.
- FAST_EDIT_MODE: allows to switch between the fan normal edit (default) and fan fast edit modes;

- Modbus register: 41707, bit 5;
- BACnet object: BO61, property: Present Value;

Normal edit mode: In the normal edit mode, any change of the edited value has to be confirmed with an occupancy button (Control Point series) or OK button (Control Point VAV series). The new value is signalized by a double blink of its name and assigned icon, and a double buzzer signal (if enabled, DEVICE_CONFIGURATION, bit 0). Once the new value selection is completed, the main menu is displayed. Pressing the fan (Control Point series) or menu (Control Point VAV) button, before confirming the new value, cancels setting the new value, and the user gets back to the main menu. If the new value is not confirmed during a time value stored in the EXIT_EDIT_TIME register, its setting is failed and the main menu is displayed.
Fast edit mode: In the fast edit mode, the change of the edited value value does not need any confirmation. The new value is saved either by pressing any button or when the EXIT_EDIT_TIME elapses. The new value is signalized by a double blink of its name and assigned icon, and a double buzzer signal (if enabled, DEVICE_CONFIGURATION, bit 0). Once the new value is saved, the main menu is displayed.

- OCCUPIED_CONFIG_LOCAL_MODE: allows to set the occupancy to the local mode or BMS mode (default);
  - Modbus register: 41707, bit 6;
  - BACnet object: BO62, property: Present Value.

Local mode: the panel's occupancy setting is set to a local mode (the value of the CURRENT_OCCUPIED_STATUS register is determined by the value of the OCCUPIED_MODE register and so the value of the CURRENT_OCCUPIED_STATUS register cannot be overwritten by the higher level system);
BMS mode: the panel's occupancy setting is set to the BMS mode. The OCCUPIED_MODE register works separately from the CURRENT_OCCUPIED_STATUS register.

OCCUPIED_MODE_NAME: four registers that allow to set a unique 4-letter name for occupied/unoccupied states;

- Modbus registers: 41703-41706;
- BACnet object: MSV4, property: State.

9.1 User Interface for Occupancy Control

Occupancy control can also be performed using the touch panel (see Operating User Interface). It is possible to change the occupancy mode depending on the configurations:

OCCUPIED_CONFIGURATION, bit 1:

How to Change the Occupancy on the Touch Panel?

- Press a + or - button to enter an edit mode (display should start blinking with a current value);
- Change the occupancy status using the + and - buttons.
- To save a new value, press the occupancy/confirmation button.

More details: User-defined submenu

10 Other Parameters

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

Other parameters of the Control Point panel can be retrieved from the following registers and objects, or in the iSMA Configurator.

- Device-related Parameters
- Clock-related Parameters

10.1 Device-related Parameters

Warning!

This section applies to all Control Point series: the **Control Point** and **Control Point VAV**.

VERSION_TYPE: allows to read version and type of the panel and enable 1 of 4 available actions. The first byte of the register indicates a version of the device, and the second one–type of the device;

- Modbus register: 40001;
- BACnet object: DEVICE, property: 3030;

Value		Bits 0-7	Bits 8-15
Type	Panel's version		$112_{10}(0x70_{16})$
	Panel in bootloader		$239_{10}(0xEF_{16})$
Version	Firmware version multiplied by 10	$10_{10}(0x0A_{16})$ means 1.0 firmware version	

Table 19. The VERSION_TYPE register values

The VERSION_TYPE register also allows to enable 1 of 4 available actions: reset panel, reload settings, reset settings, enter bootloader. If the register receives one of the following values, it invokes a relevant action and resumes its regular values afterwards (type and version):

Decimal Value	Hex Value	Action
511	0x01FF	Reset panel
767	0x02FF	Reload settings
1023	0x03FF	Reset settings

Decimal Value	Hex Value	Action
1279	0x04FF	Enter bootloader

Table 20. The VERSION_TYPE register actions

CFG_DIPSWITCH: allows to read the DIP switch state;

- Modbus register: 30003;
- BACnet object: N/A;

LIVE_TIME: shows uptime of the device since the last reset;

- Modbus register: 30012-30013;
- BACnet object: AI0, property: Present Value;

RESET_SOURCE: allows to read a source of the last restart;

- Modbus register: 30014;
- BACnet object: N/A;

BOOT_VERSION: indicates the panel's bootloader version;

- Modbus register: 30031;
- BACnet object: N/A;

HW_VERSION: indicates the panel's hardware version;

- Modbus register: 30032;
- BACnet object: N/A;

GIT_HEIGHT: allows to read a last git commit number;

- Modbus register: 30033;
- BACnet object: N/A;

SERIAL_NUMBER: shows the panel's serial number;

- Modbus register: 30035;
- BACnet object: N/A;

SUBTYPE: allows to read a type of the device (CP, CP-VAV);

- Modbus register: 30050;
- BACnet object: N/A.

10.1.1 Device Configuration

DEVICE_CONFIGURATION: allows to configure the following parameters:

- BUZZER: allows to activate or deactivate the buzzer. When the buzzer is active, any single push of any button is signalized by the buzzer sound. In addition, the buzzer can be also used for CO_2 alarm signalization. By default, the buzzer is active;
  - Modbus register: 40205, bit 0;
  - BACnet object: BO0;
- TIME_FORMAT: allows to define a time format display. If true, the time is set to 12-hour format. If false, the time is displayed in 24-hour format (default). When the clock is set in 12-hour format and it receives hours value in 24-hour format, icons AM and PM are displayed according to calculation. A semicolon, which separates hours and minutes sections in the clock, flashes with 1 Hz frequency;

    - Modbus register: 40205, bit 1;
    - BACnet object: BO1;
- DEFAULT_TEMPERATURE_UNIT: allows to set a default temperature unit to Celsius or Fahrenheit degrees;
    - Modbus register: 40205, bit 2;
    - BACnet object BO2;
- BACKGROUND_ILLUMINATION_ LCD_ACTIVE: allows to switch on the LCD background illumination. If true, the LCD display is illuminated with intensity according to values stored in parameters dedicated for particular room panel modes. If false, the LCD display is not illuminated in any mode. By default, the display is illuminated;
    - Modbus register: 40205, bit 3;
    - BACnet object: BO3;
- BACKGROUND_ILLUMINATION_KEY_PAD_ACTIVE: allows to switch on the keypad background illumination. If true, the keypad is illuminated with intensity according to values stored in parameters dedicated for particular room panel modes. If false, the keypad is not illuminated in any mode. By default, the keypad is not illuminated;
    - Modbus register: 40205, bit 4;
    - BACnet object: BO4;
- CO2_IN_ALARM_FLASHING_LCD: allows to switch on the function of LCD background illumination flashing when CO_2 alarm occurs. If true, the CO_2 alarm is indicated by the LCD display flashing. Read more about CO_2 alarm in the CO_2 sensor section. By default, the function is deactivated;
    - Modbus register: 40205, bit 5;
    - BACnet object: BO5;
- CO2_IN_ALARM_BUZZER: allows to switch the buzzer on when the CO_2 alarm occurs. If true, the CO_2 alarm is indicated by the buzzer, which emits sounds with 1 Hz frequency. Read more about CO_2 alarm in the CO_2 sensor section. By default, the function is deactivated;
    - Modbus register: 40205, bit 6;
    - BACnet object: BO6;
- CO2_IN_ALARM_SHOW_HIGH: allows to switch on a “HIGH” label on display when the CO_2 alarm occurs. If true and the CO_2 alarm is active, the LCD display shows the CO_2 sensor actual value and a blinking text “HIGH”. By default, the function is deactivated;
    - Modbus register: 40205, bit 7;
    - BACnet object: BO7;
- CO2_ALARM_CONFIRM_ENABLE: allows to switch on confirming the CO_2 alarm with any button on the panel. Otherwise, it is only possible to switch off the alarm from the BMS application level;
    - Modbus register: 40205, bit 8;
    - BACnet object: BO63;
- SUBMENU_ICON_DISPLAY_OFF: allows to switch off displaying of the submenu icon. If true, all submenu icons are hidden, even in case when one or more submenus contain active points. The user can enter an active submenu (with at least one active point) and proceed normal operation but its icon is invisible in the main menu display view;
    - Modbus register: 40205, bit 10;
    - BACnet object: BO8;
- PANEL_OFF: allows to switch the panel off. If true, the room panel is inactive. It means that it is impossible to control the room panel locally (access to submenus and

parameters configuration is blocked, keypad is deactivated). The LCD display and background illumination are also off. The main menu is not displayed. The room panel works as temperature sensor (or multisensor if either the CO_2 sensor or humidity sensor are built-in). If false, the room panel works in normal mode (functions of local control are active). By default, the panel is on;
    - Modbus register: 40205, bit 11;
    - BACnet object: BO9;
- KEY_PAD_OFF: allows to switch the panel keypad off. If true, the keypad function is deactivated. Single push of any button emits a buzzer sound (if buzzer is activated) and activates the active mode (set background illumination level) but the submenu access is blocked (it is impossible to enter any menu or to change any parameters or settings). The main menu is displayed. By default, the keypad is on;
    - Modbus register: 40205, bit 12;
    - BACnet object: BO10;
- LCD_FLASHING: allows to activate the LCD display flashing. If true, the LCD display flashes with the frequency stored in the LCD_ICON_FLASHING. Flashing brightness level changes from 0% to a maximum value from the parameters: BACKGROUND_LCD_FOR_ACTIVE_MODE, BACKGROUND_LCD_FOR_IDLE_MODE, and BACKGROUND_LCD_FOR_STANDBY_MODE. By default, the LCD flashing is inactive;
    - Modbus register: 40205, bit 13;
    - BACnet object: BO11;
- KEY_PAD_FLASHING: allows to activate the keypad flashing. If true, the keypad flashes with the frequency stored in the LCD_ICON_FLASHING. Flashing brightness level changes from 0% to a maximum value from the parameters: BACKGROUND_KEY_PAD_FOR_ACTIVE_MODE, BACKGROUND_KEY_PAD_FOR_IDLE_MODE, and BACKGROUND_KEY_PAD_FOR_STANDBY_MODE. By default, the keypad flashing is inactive;
    - Modbus register: 40205, bit 14;
    - BACnet object: BO12.

10.2 Clock-related Parameters

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

Clock-related parameters allow to configure the clock display on the panel.

TIME_CONFIGURATION: allows to activate the clock's display on the panel. If true, the clock is visible on the main menu (it is first displayed when the panel receives a first message with a correct time value after powering up or a restart). By default, the clock is visible;

- Modbus register: 40218, bit 0;
- BACnet object: BO13;

HOURS: allows to set an hour value in a time displaying mode. 12-hour/24-hour mode is determined by the TIME_FORMAT in DEVICE_CONFIGURATION (the default mode is 24-hour). If the clock is set to a 12-hour format, icons AM and PM are displayed

automatically. A semicolon, which separates hours and minutes sections, flashes with 1 Hz frequency;

- Modbus register: 40203;
- BACnet object: AO1;

MINUTES: allows to set a minute value in a time displaying mode;

- Modbus register: 40204;
- BACnet object: AO2.

Note

In order to display clock on the panel, it is required to set a null value in the following parameters:

TEMPERATURE_NAME

- Modbus registers: 40310, 40311 (each for two letters of the name);
- BACnet object: AI 4, property: Description Property;

HUMIDITY_NAME

- Modbus registers: 40312, 40313 (each for two letters of the name);
- BACnet object: AI 5, property: Description Property;

CO2_NAME

- Modbus registers: 40314, 40315 (each for two letters of the name);
- BACnet object: AI 6, property: Description Property.

11 User Interface

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

Direct interaction with the Control Point device is possible using keypad buttons. The panel's UI allows to:

- increment/decrement values on a display,
- control fan and occupancy, and
- access certain room panel settings.

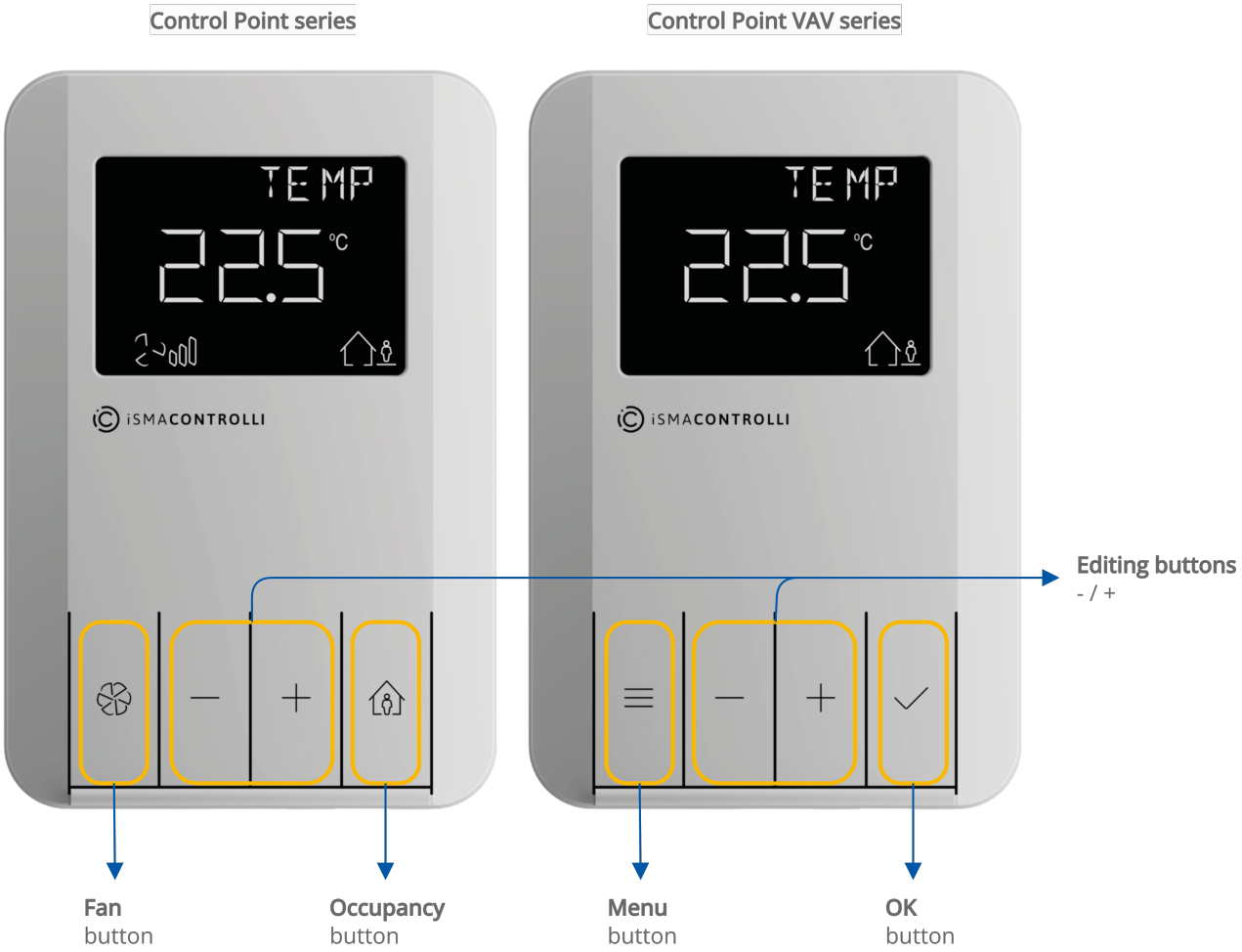

Figure 17. Panels UI buttons

11.1 Operating User Interface

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

11.1.1 Temperature Setpoint

In order to change a temperature setpoint on a keypad, use plus (+) and minus (–) buttons:

- 1 press of a plus (+) button enters the temperature setpoint editing mode;
- press a plus button to increment the temperature setpoint by a step value set in the SETPOINT_STEP register/object (decimal address: 1507);
- press a minus button to decrement the temperature setpoint by a step value set in the SETPOINT_STEP register/object (decimal address: 1507);
- stop pressing buttons when the required value is reached, and save a new value:
  - in normal edit mode: confirm the new value using an occupancy/OK button;
  - in fast edit mode: no need to confirm, the new value will be saved when the EXIT_EDIT_TIME elapses.

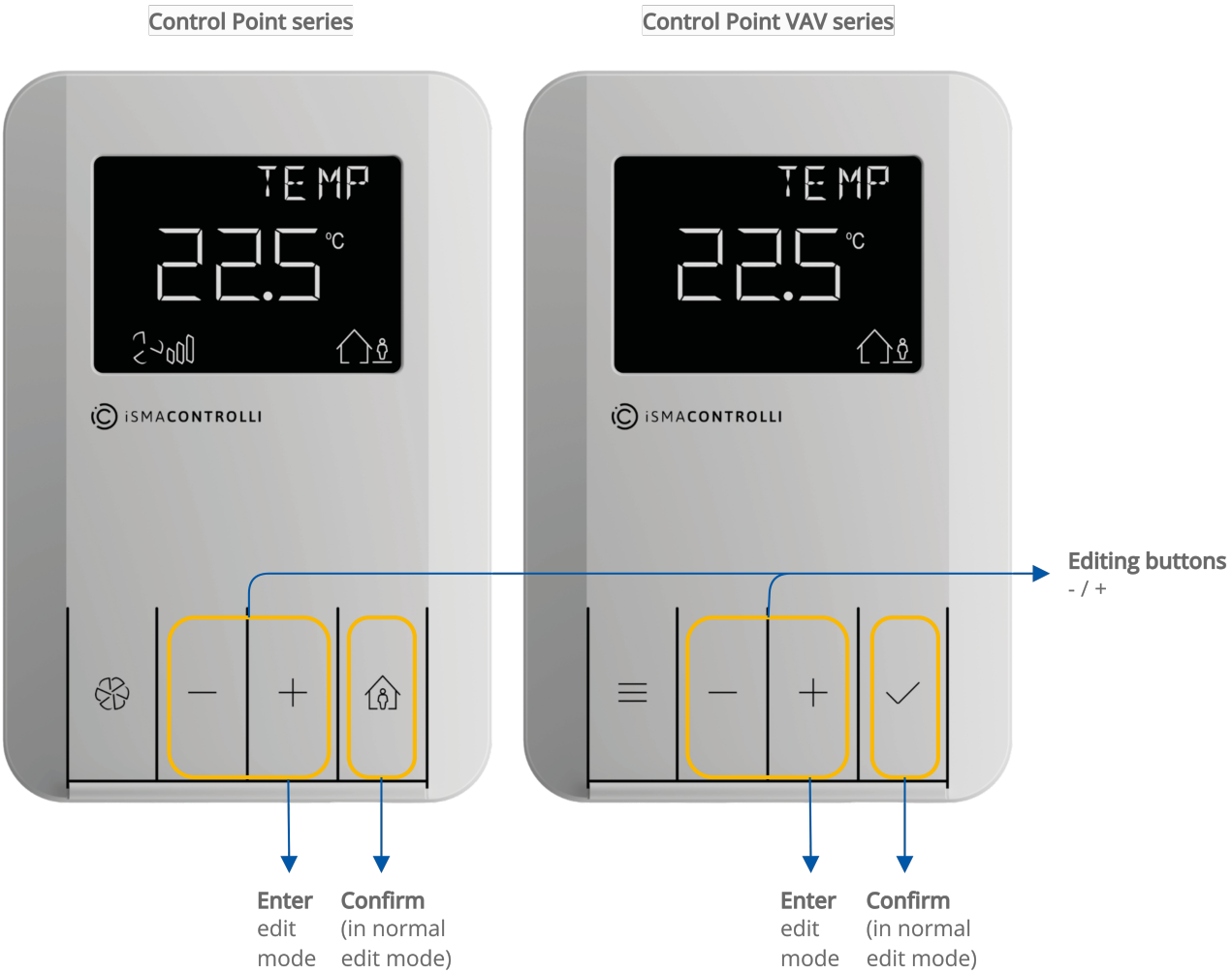

Figure 18. Editing temperature setpoint

11.1.2 Fan Mode (Only for Control Point Series)

In order to change a fan mode on a keypad:

- use a fan button, which enters a fan mode editing;
- use -/+ buttons to change a fan mode:
  - off;
  - 1-speed manual mode;
  - 2-speed manual mode;

- 3-speed manual mode;
- auto;

- confirm with the occupancy button.

Figure 19. Editing fan mode

11.1.3 Occupancy Status

To change an occupancy status, use an occupancy button on a keypad:

- press the button once to enter occupancy editing mode;
- use plus or minus button to change the occupancy status;
- confirm the change with the occupancy button.

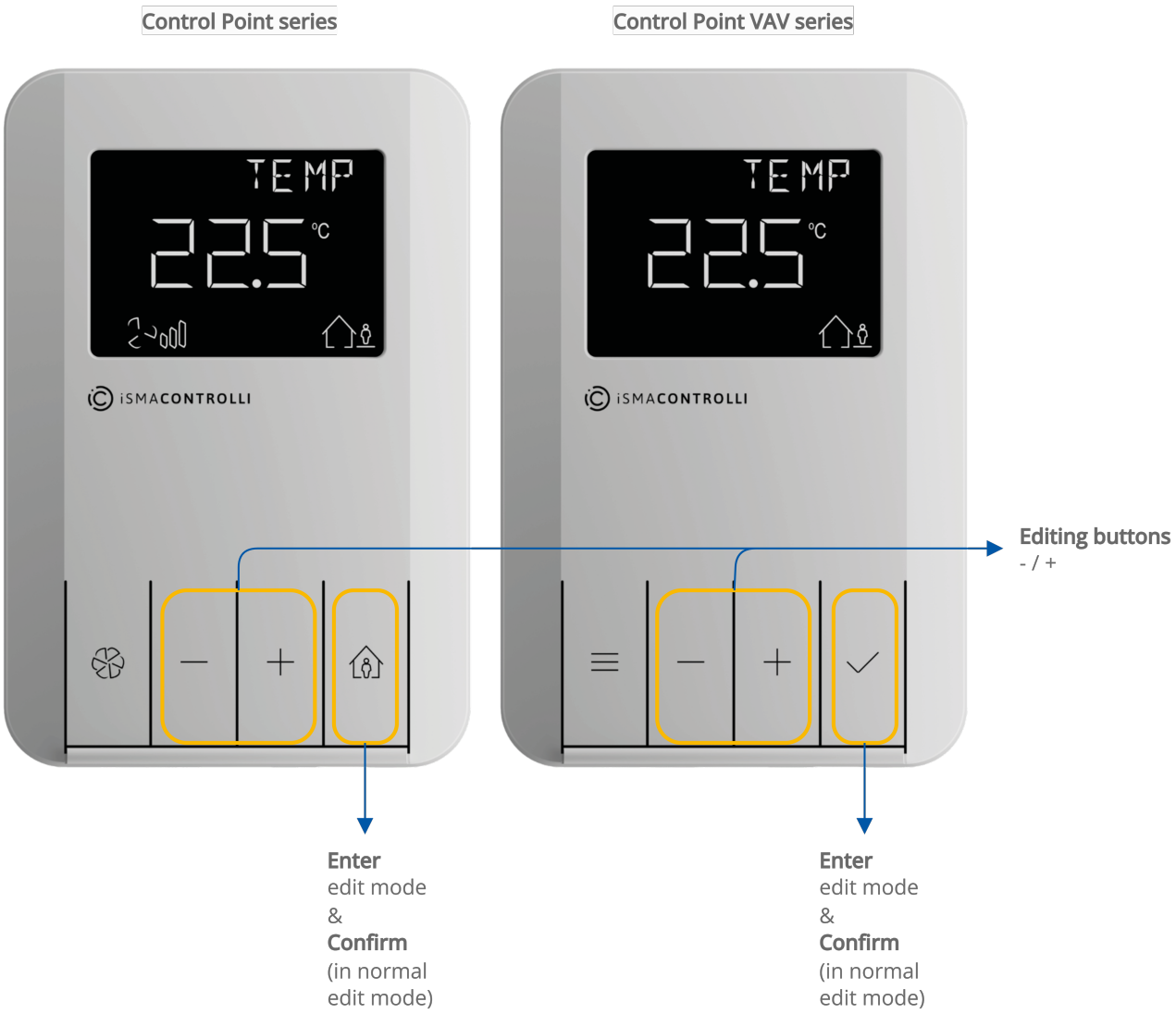

Figure 20. Editing occupancy status

11.1.4 CO2 Alarm

If a CO_2 alarm occurs, it can be switched off by pressing any button on the keypad (see CO2 Alarm).

11.1.5 Main Menu

From the main menu level, it is possible to directly edit the temperature setpoint.

11.1.6 Submenu

Default Submenu

To enter editing mode of the default submenu parameters:

- Control Point series:
  - press the fan or occupancy button;
    - if there are more than one submenu for a single submenu type (for example, two fans are connected), select a required submenu with -/+ buttons;

- press the occupancy button to activate editing (the main value starts blinking);
- change value using -/+ buttons;
- confirm the new value with the occupancy button.

- Control Point VAV series:
  - press the OK (✓) button;
  - press the OK button to activate editing (the main value starts blinking);
  - change value using -/+ buttons;
  - confirm the new value with the OK button.

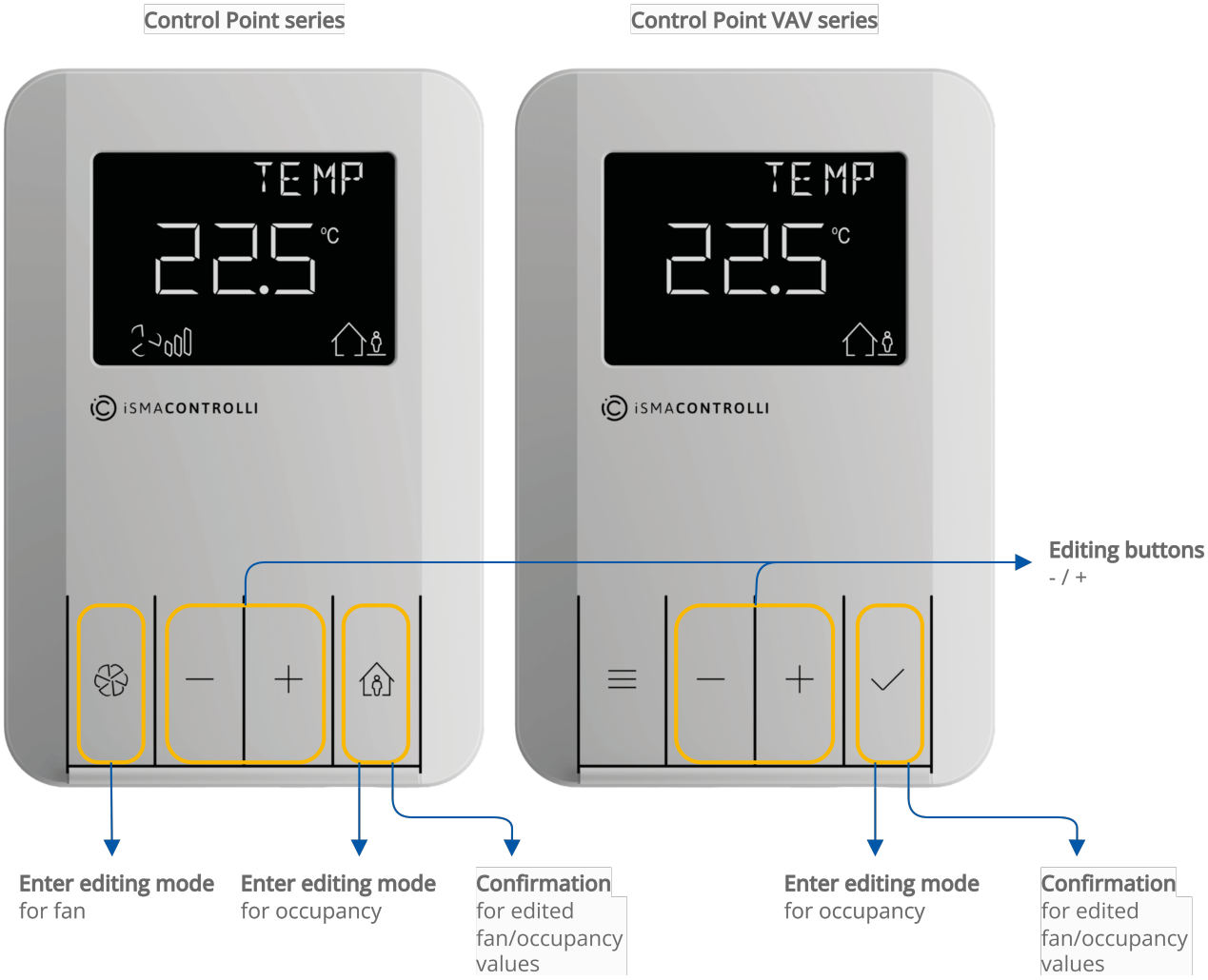

Figure 21. Editing default submenu

User-defined Submenu

To edit the user-defined submenu, follow these steps:

- Control Point series:
  - long-press the fan button;
    - if there are more than one submenu for a single submenu type (for example, temperature submenus for supply and return temperature), select a required submenu with -/+ buttons;
  - press the occupancy button to activate editing (the main value starts blinking);
  - change value using -/+ buttons;
  - confirm the new value with the occupancy button.
- Control Point VAV series:

- press the menu button;
  - if there are more than one submenu for a single submenu type (for example, temperature submenus for supply and return temperature), select a required submenu with -/+ buttons;
- press the confirmation button to activate editing (the main value starts blinking);
- change value using -/+ buttons;
- confirm the new value with the confirmation button.

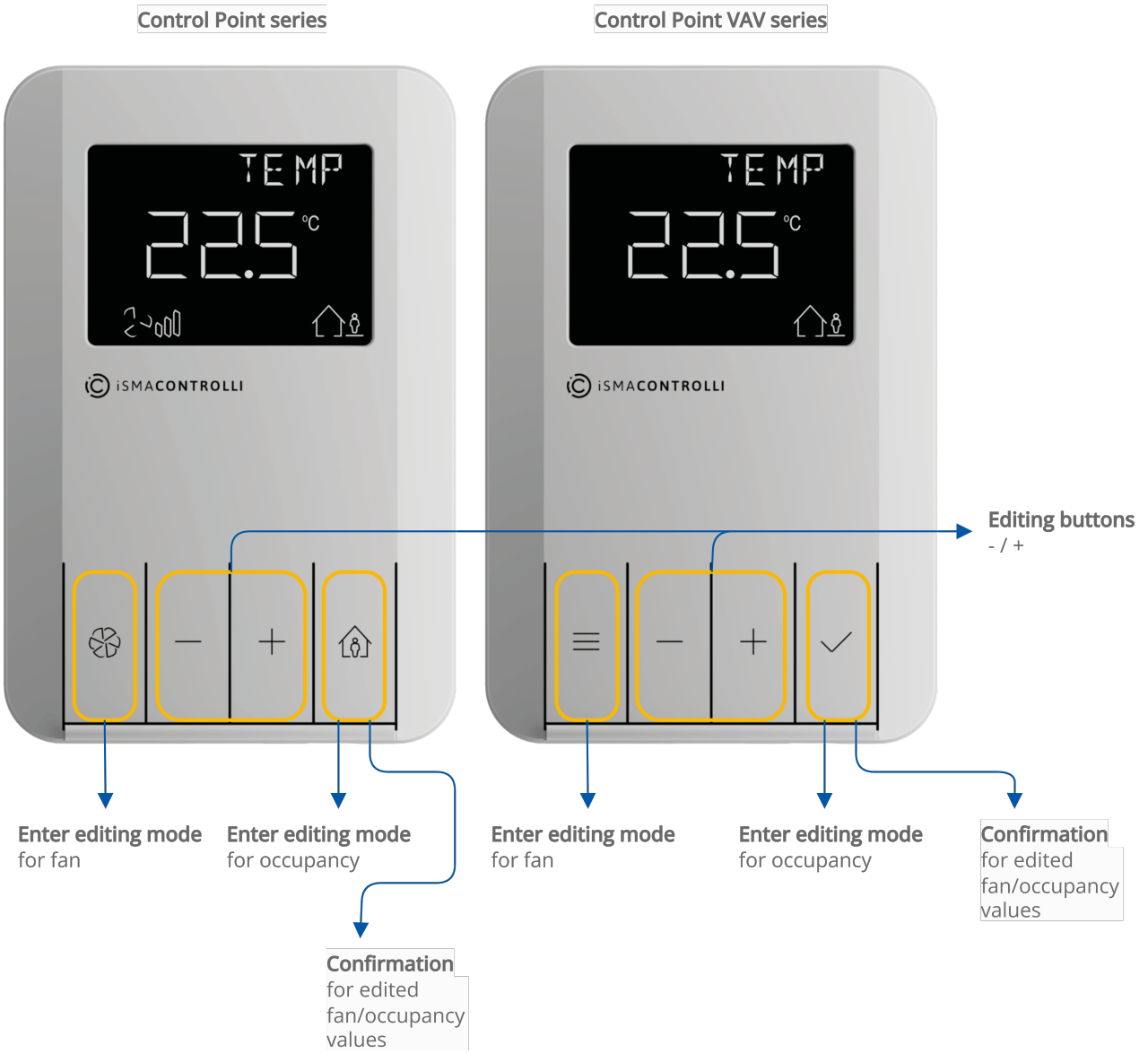

Figure 22. Editing user-defined submenu

11.1.7 Settings

To edit the panel's settings:

- long-press the fan and occupancy/menu and OK buttons together;
- log in to the settings menu:
  - edit the password characters use -/+ buttons;
  - confirm the entered value and move to the next character pressing the occupancy/OK button;
  - confirm the entered password with the occupancy/OK button;

- select a required setting using -/+ buttons to select a setting and the occupancy/OK button to enter it;
- edit the required setting using -/+ buttons;
- confirm the entered value using the occupancy/OK button;
- to exit the Settings mode, wait until the EXIT_MENU_TIME elapses.

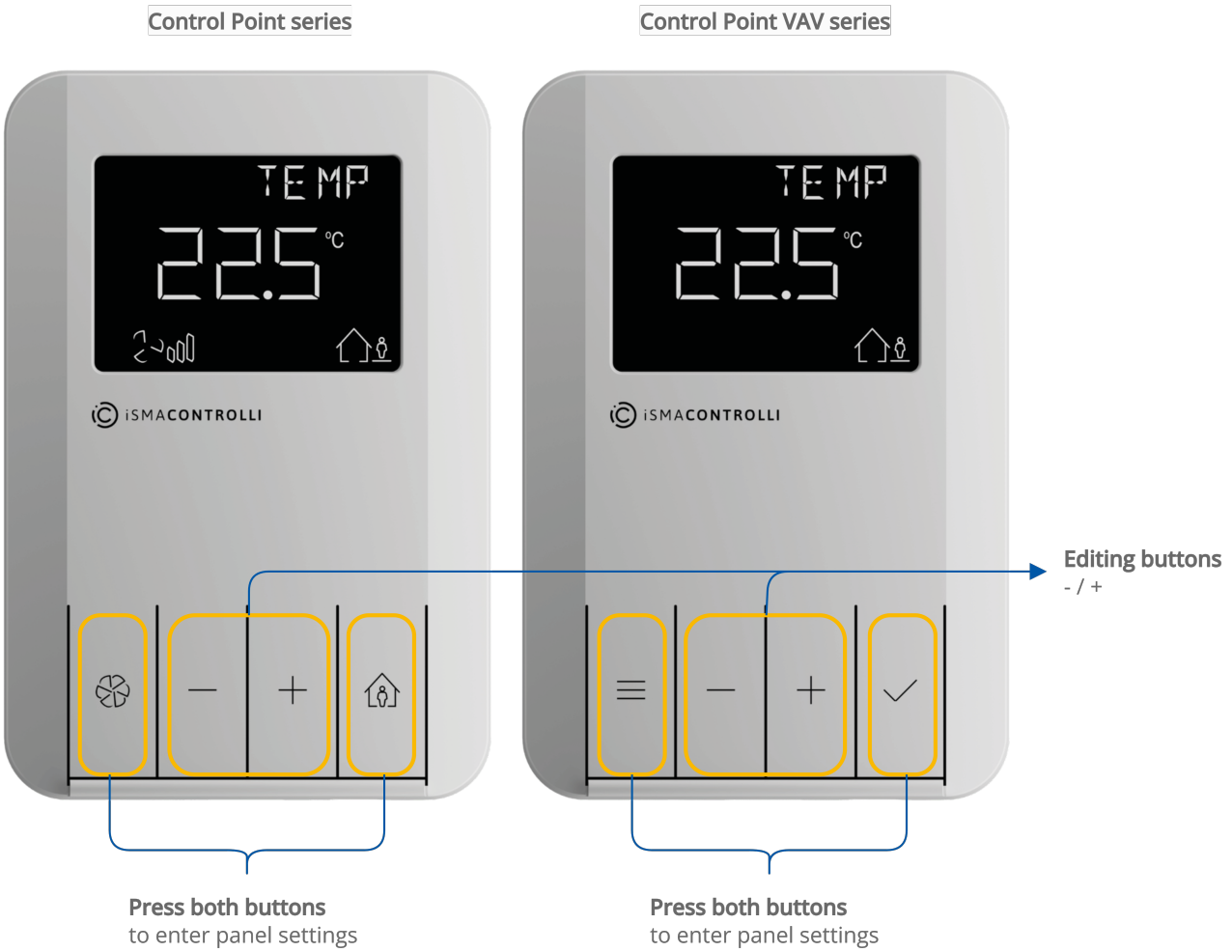

Figure 23. Editing settings

11.2 Room Panel Settings

Warning!

This section applies to all Control Point series: the Control Point and Control Point VAV.

The panel's UI gives access to a number of room panel settings, which are available in the panel's active mode.

11.2.1 Panel Access to Settings

Accessing settings directly from the panel

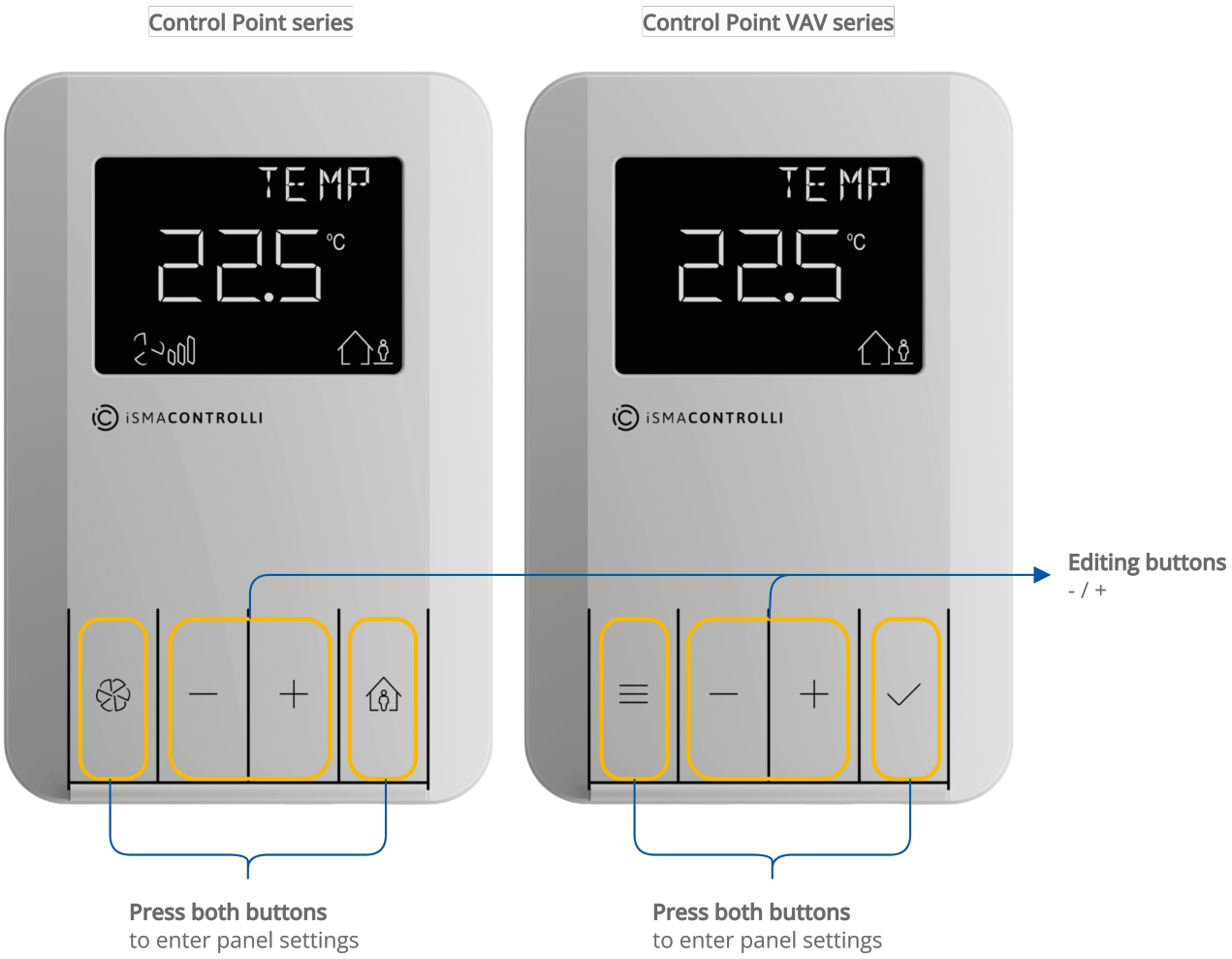

Figure 24. Accessing settings directly from the panel

Step 1: In order to enter the settings:

- Control Point series:
  - long-press the fan and occupancy buttons together;
- Control Point VAV series:
  - long-press the menu and OK buttons together.

Long-press duration is set in the parameter:
ENTER_MENU_TIME:
- Modbus register: 40223;
- BACnet object: AO16, property: Present value.

Step 2: Log in to the settings menu. Access to the settings menu is protected by a password stored in the parameter:

PANEL_PASSWORD:

- Modbus register: 40028;
- BACnet object: AO0, property: Present value.

Default password is 1000.

The password to the settings menu is displayed in the editing mode from the start (the first character is blinking). To edit the password characters:

- use -/+ buttons;
- confirm the entered value and move to the next character pressing the occupancy/OK button;
- confirm the entered password with the occupancy/OK button.

Step 3: Select a required setting using:

- Control Point series:
  - -/+ buttons to select a setting and the occupancy button to enter it;
- Control Point VAV series:
  - -/+ buttons to select a setting and the OK button to enter it.

Step 4: Edit the required setting using -/+ buttons. Confirm the entered value using the occupancy/OK button.

To exit the selected setting without changing its value, use the fan/menu button.
To exit the Settings mode, wait until the EXIT_MENU_TIME elapses:
EXIT_MENU_TIME: allows to set the time after which the panel exits the editing mode:
- Modbus register: 40225;
- BACnet object: AO18.

11.2.2 Available Parameters

Configuration (CONF)

The configuration menu contains parameters responsible for the device configuration.

Most of the parameters available in the configuration menu are the communication registers:

- baud rate,
- Modbus address,
- stop bits,
- parity bits,
- and protocol selection.

The user can also change the panel's password and check the firmware version. All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
1.1	BAUD_RATE	40017	Device, 3084	Read/write	4800-115200
1.2	ADDRESS	40023	Device, 3201	Read/write	Default value: 1
1.3	STOP_BITS	40018	N/a	Read/write	1: one stop bit 2: two stop bits
1.4	PARITY_BITS	40020	N/a	Read/write	0: disabled 1: odd 2: even

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
1.5	PROTOCOL	40024	N/a	Read/write	0: Modbus RTU 1: Modbus ASCII 2: BACnet MS/TP
1.6	PANEL_PASSWORD	40028	AO0, Present value	Read/write	Default value: 1000
1.7	FIRMWARE_VERSION	30001	Device	Read-only	Software version

Table 21. The CONF menu settings

Warning!

Change of value in the PROTOCOL parameter is only effective for switching between Modbus RTU and Modbus ASCII protocols. Changing between Modbus and BACnet protocols can only be performed using the DIP switch. Then, the PROTOCOL parameter can be used to remotely check the set protocol.

Device (DEV)

The Device settings menu contains parameters responsible for global settings.

Warning!

Changing any parameter in the Device menu impacts modes and functions of the room panel.

The Device menu contains parameters for:

- time settings (time format, menu enter or exit time, or refresh time);
- switching the buzzer on or off;
- background illumination of the LCD display;
- keypad.

All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
2.1	DEVICE CONFIGURATION, BUZZER	40205, bit 0	BO0, Present value	Read/write	0: inactive 1: active(def)
2.2	DEVICE CONFIGURATION, TIME_FORMAT	40205, bit 1	BO1, Present value	Read/write	0-24 h(def) 1-12 h
2.3	DEVICE CONFIGURATION,	40205, bit 2	BO2, Present value	Read/write	Not supported

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
	TEMPERATURE_UNIT				
2.4	DEVICE CONFIGURATION, BACKGROUND_ILLUMINATION_LCD_ACTIVE	40205, bit 3	BO3, Present value	Read/write	0: inactive 1: active(def)
2.5	DEVICE CONFIGURATION, BACKGROUND_ILLUMINATION_KEYPAD_ACTIVE	40205, bit 4	BO4, Present value	Read/write	0: inactive(def) 1: active
2.6	ENTER_MENU_TIME	40223	AO16, Present value	Read/write	Default: 2 sec
2.7	EXIT_EDIT_TIME	40224	AO17, Present value	Read/write	Default: 5 sec
2.8	EXIT_MENU_TIME	40225	AO18, Present value	Read/write	Default: 10 sec
2.9	REFRESH_TIME	40217	AO13, Present value	Read/write	Default: 2 sec

Table 22. The DEV menu settings

Temperature (TEMP)

The Temperature settings menu contains parameters referring to:

- the temperature sensor display, and
- the temperature control settings.

The user is able to switch on/off the temperature sensor value display, set the temperature sensor filter, or change the temperature sensor offset.

All available parameters are presented in the table below:

Parameter Number	Register Name	Modbus Address	BACnet object	Access	Description
3.1	TEMPERATURE_CONFIGURATION, ACTIVE	40316, bit 0	AO4, 4200	Read/write	0: inactive 1-active(def)
3.2	TEMPERATURE_CONFIGURATION, THIRD_POINT_ACTIVE	40316, bit 4	AO4, 4202	Read/write	0: inactive 1: active(def)

Parameter Number	Register Name	Modbus Address	BACnet object	Access	Description
3.3	TEMPERATURE_FILTER	40307	AO4, 4203	Read/write	Default: 10 sec
3.4	TEMPERATURE_OFFSET	40304	AO4, 4205	Read/write	Default: 0

Table 23. The TEMP menu settings

Humidity (HUM)

The Humidity settings menu contains registers referring to:

- the humidity sensor display and
- the humidity control settings.

The user is able to switch on/off the humidity sensor value display, set the humidity sensor filter, or change the humidity sensor offset. All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
4.1	HUMIDITY_CONFIGURATION, ACTIVE	40317, bit 0	AO5, 4200	Read/write	0: inactive 1: active(def)
4.2	HUMIDITY_CONFIGURATION, THIRD_POINT_ACTIVE	40317, bit 4	AO5, 4202	Read/write	0: inactive 1: active(def)
4.3	HUMIDITY_FILTER	40308	AO5, 4203	Read/write	Default: 10 sec
4.4	HUMIDITY_OFFSET	40305	AO5, 4205	Read/write	Default: 0

Table 24. The HUM menu settings

CO2 (CO2)

The CO_2 settings menu contains registers referring to:

- the CO_2 sensor display and
- CO_2 control settings.

The user is able to switch on/off the CO_2 sensor value display, set the CO_2 sensor filter, or change the CO_2 sensor offset. All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet obejct	Access	Description
5.1	CO2 CONFIGURATION, ACTIVE	40318, bit 0	AO6, 4200	Read/write	0: inactive 1: active(def)
5.2	CO2_FILTER	40309	AO46, 4003	Read/write	Default: 10 sec
5.3	CO2_OFFSET	40307	AO6, 4203	Read/write	Default: 0
5.4	CO2_SETPOINT	40226	AO19, Present value	Read/write	Default: 1500 ppm

Table 25. The CO2 menu settings

Setpoint (SETP)

In the Setpoint settings menu, the user has access to the main setpoint parameters. It is possible to adjust the most useful setpoint parameters:

- default setpoint;
- low and high setpoint limits;
- setpoint step, or
- offset range.

The user can also decide if the setpoint value should be displayed in the main menu, or if the setpoint or offset should be changed during a setpoint edition. All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet obejct	Access	Description
6.1	SETPOINT_CONFIGURATION, ACTIVE	41513, bit 0	AV56, Out of service	Read/write	0-inactive 1-active(def)
6.2	SETPOINT_CONFIGURATION, EDITABLE	41513, bit 1	AV56, 4200	Read/write	0-inactive 1-active(def)
6.3	SETPOINT_CONFIGURATION, OPERATING_MODE	41513, bit 2	BO55, Present value	Read/write	0-changing offset 1-changing setpoint(def)
6.4	SETPOINT_CONFIGURATION, SETPOINT_DISPLAY	41513, bit 3	BO56, Present value	Read/write	0-changing offset 1-changing effective setpoint(def)
6.5	SETPOINT_CONFIGURATION, THIRD_POINT_ACTIVE	41513, bit 4	AV56, 4202	Read/write	0-inactive 1-active(def)

Parameter number	Parameter name	Modbus address	BACnet obejct	Access	Description
6.6	SETPOINT_CONFIGURATION, FAST_EDIT_MODE	41513, bit 5	BO57, Present value	Read/write	0-inactive(def) 1-active
6.7	DEFAULT_SETPOINT	41503	AV57, Present value	Read/write	By default 210
6.8	SETPOINT_LOW_LIMIT	41505	AV56, Low limit	Read/write	By default 180
6.9	SETPOINT_HIGH_LIMIT	41506	AV56, High limit	Read/write	By default 240
6.10	OFFSET_RANGE	41507	AV59, Present value	Read/write	By default 30
6.11	SETPOINT_STEP	41508	AV56, Default step increment	Read/write	By default 10

Table 26. The SETP menu settings

Fan (FAN)

The Fan settings menu contains the registers of fan configuration settings. The user can change:

- the fan type or
- decide if the fan status is displayed in the main menu.

Editable parameters determine if the user can change particular fan modes. All available parameters are presented in the table below:

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
7.1	FAN_CONFIGURATION, VISIBLE_FAN_CURRENT_SPEED	41614, bit 0	MV1, Out of service	Read/write	0: inactive 1: active(def)
7.2	FAN_CONFIGURATION, EDITABLE	41614, bit 1	MV1, 4200	Read/write	0: inactive 1: active(def)
7.3	FAN_CONFIGURATION, PART_EDITABLE	41614, bit 2	BO59, Present value	Read/write	0: inactive(def) 1: active
7.4	FAN_CONFIGURATION, FAST_EDIT_MODE	41614, bit 5	BO60, Present value	Read/write	0: inactive(def) 1: active

Parameter number	Parameter name	Modbus address	BACnet object	Access	Description
7.5	FAN_ICON_FLASHING_TIME	41615	AO21, Present value	Read/write	Default: 500 ms
7.6	FAN_TYPE	41603	MV2, 1602	Read/write	0: 0-10 V(def) 1: 1-Speed 2: 2-Speed 3: 3-Speed

Table 27. The FAN menu settings

Occupancy (OCCU)

The Occupancy settings menu contains registers referring to the occupancy configuration. The user can decide if the current occupancy status is displayed in the main menu.

Editable parameters determine if the user can change the occupancy mode. All available parameters are presented in the table below:

Parameter Number	Register Name	Modbus Address	BACnet object	Access	Description
8.1	OCCUPANCY_CONFIGURATION, VISIBLE_OCCUPANCY_CURRENT_STATUS	41707, bit 0	MV4, Out of service	Read/write	0: inactive 1: active(def)
8.2	OCCUPANCY_CONFIGURATION, EDITABLE	41707, bit 1	MV4, 4200	Read/write	0: inactive 1: active(def)
8.3	OCCUPANCY_CONFIGURATION, FAST_EDIT_MODE	41707, bit 5	BO61, Present value	Read/write	0: inactive(def) 1: active

Table 28. The OCCU menu settings

12 List of Icons

Warning!

Please note that the following table contains icons for all series of the Control Point panels.
The Control Point VAV series by default has no fan control and registers referring to fan control are inapplicable. If the fan control is activated on the Control Point VAV series panel, the icons become applicable too.

Modbus register bit	BACnet object - displayed icons	BACnet object -flashing icons	Icon name	Icon
0	BO14	BO25	Sun	
1	BO15	BO26	Moon	
2	BO16	BO27	Heating	
3	BO17	BO28	Cooling	
4	BO18	BO29	Humidifier	
5	BO19	BO30	Dehumidifier	
6	BO20	BO31	Wireless	
7	BO21	BO32	Settings	
8	BO22	BO33	Eco	
9	BO23	BO34	Recirculation	

Modbus register bit	BACnet object - displayed icons	BACnet object -flashing icons	Icon name	Icon
10	BO24	BO35	PC	

Table 29. List of icons

Modbus register bits	BACnet object	Icon name	Icon
0	BO42	Temperature	
1	BO43	Fan 1	
2	BO44	Fan 2	
3	BO45	Fan 3	
4	BO46	Fan 4	
5	BO47	Fan 5	
6	BO48	Fan 6	
7	BO49	Light	
8	BO50	Blind	
9	BO51	Alarms	
10	BO52	Occupancy 1	
11	BO53	Occupancy 2	

Modbus register bits	BACnet object	Icon name	Icon
12	BO54	Occupancy 3	

Table 30. Submenu icons display

13 List of Modbus Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.
The Control Point VAV series by default has no fan control and registers referring to fan control are inapplicable. If the fan control is activated on the Control Point VAV series panel, the registers become applicable too.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40001	0	0x00	VERSION_TYPE	Read/ write	Version and type of device. Additionally, allows to enable 1 of 4 device operations (reset panel, reload settings, reset settings, enter bootloader).
30004-30005	3-4	0x03	RECEIVED_FRAMES (32-bit)	Read-only	Number of received frames. Resets at the unit start and change of transmission parameters.
30006-30007	5-6	0x05	ERROR_FRAMES (32-bit)	Read-only	Number of error frames. Resets at the unit start and change of transmission parameters.
30008-30009	7-8	0x07	TRANSMITTED_FRAMES _(32-bit)	Read-only	Number of transmitted frames. Resets at the unit start and change of transmission parameters.
30012-30013	11-12	0x0C	LIVE_TIME (32-bit)	Read-only	Device uptime in seconds
30014	13	0x0D	RESET_SOURCE	Read-only	Source of a last device restart
40015-40016	14-15	0x0E	BACNET_DEVICE_ID (32-bit)	Read/ write, memory	Default: 0xFFFFFFFF
40017	16	0x10	BAUD_RATE	Read/ write, memory	Default: 11520 (115200 bps).
40018	17	0x11	STOP_BITS	Read/ write, memory	Supported values are 1 and 2. Default: 1.
40019	18	0x12	DATA_BITS	Read/ write, memory	Supported values are 7 and 8. Default: 8.
40020	19	0x13	PARITY_BITS	Read/ write, memory	The default value is 0 (no parity). Value: 0 (default) — Description: None

Modbus address	Decimal address	Hex address	Register name	Access	Description		
					1	Odd	
					2	Even	
40021	20	0x14	REPLAY_DELAY	Read/ write, memory	Delay in ms before sending a response. Default: 0.		
40023	22	0x16	ADDRESS	Read/ write, memory	Modbus address of the device. Default: 1.		
40024	23	0x17	PROTOCOL	Read/ write, memory	Protocol set in the panel. To set the BACnet MS/TP protocol, use the DIP switch.		
					Bit	Value	
					0	Modbus RTU (default)	
					1	Modbus ASCII	
					2	BACnet MS/TP (read-only)	
40028	27	0x1B	PANEL_PASSWORD	Read/ write, memory	Password for the panel settings. Default: 1000.		
30029	28	0x1C	SENSORS	Read-only	Sensors built-in in the panel:		
					Bit	Value	
					0	Temperature sensor	
					1	CO_2 sensor	
					2	Humidity sensor	
30030	29	0x1D	BOOTLOADER_VERSION	Read-only	Bootloader version		
30031	30	0x1E	HW_VERSION	Read-only	Hardware version		
30035	34	0x22	SERIAL_NUMBER	Read-only	Device's serial number (64-bit)		
30050	49	0x31	SUBTYPE	Read-only	Device's subtype: Control Point, Control Point VAV		

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>30201</td><td>200</td><td>0xC8</td><td>BACKGROUND_LCD_CURRENT_VALUE</td><td>Read-only</td><td>Current display illumination value</td></tr>
<tr><td>30202</td><td>201</td><td>0xC9</td><td>BACKGROUND_KEY_PAD_CURRENT_VALUE</td><td>Read-only</td><td>Current keypad illumination value</td></tr>
<tr><td>40203</td><td>202</td><td>0xCA</td><td>HOURS</td><td>Read/write</td><td>Hours part of time display</td></tr>
<tr><td>40204</td><td>203</td><td>0xCB</td><td>MINUTES</td><td>Read/write</td><td>Minutes part of time display</td></tr>
<tr><td>40205</td><td>204</td><td>0xCC</td><td>DEVICE_CONFIGURATION</td><td>Read/write, memory</td><td>
<table>
<tr><th>Bit</th><th>Name</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BUZZER</td><td>Not active</td><td>Active (default)</td></tr>
<tr><td>1</td><td>TIME_FORMAT</td><td>24-hour (default)</td><td>12-hour</td></tr>
<tr><td>2</td><td>DEFAULT_TEMPERATURE_UNIT</td><td>Celsius (default)</td><td>Fahrenheit</td></tr>
<tr><td>3</td><td>BACKGROUND_ILLUMINATION_LCD_ACTIVE</td><td>Not active</td><td>Active (default)</td></tr>
<tr><td>4</td><td>BACKGROUND_ILLUMINATION_KEY_PAD_ACTIVE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>5</td><td>CO2_IN_ALARM_FLASHING_LCD</td><td>Not active</td><td>Active</td></tr>
<tr><td>6</td><td>CO2_IN_ALARM_BUZZER</td><td>Not active</td><td>Active</td></tr>
<tr><td>7</td><td>CO2_IN_ALARM_SHOW_HIGH</td><td>Not active</td><td>Active</td></tr>
<tr><td>8</td><td>CO2_ALARM_CONFIRM_ENABLE</td><td>Not active</td><td>Active</td></tr>
<tr><td>10</td><td>SUBMENU_ICON_DISPLAY_OFF</td><td>Not active</td><td>Active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					11	PANEL_OFF	Panel off	Panel on (default)
					12	KEY_PAD_OFF	Keypad off	Keypad on (default)
					13	LCD_FLASHING	Not active (default)	Active
					14	KEY_PAD_FLASHING	Not active (default)	Active
40207	206	0xCE	BACKGROUND_LCD_FOR_ACTIVE_MODE	Read/ write, memory	Default: 60%			
40208	207	0xCF	BACKGROUND_LCD_FOR_IDLE_MODE	Read/ write, memory	Default: 40%			
40209	208	0xD0	BACKGROUND_LCD_FOR_STANDBY_MODE	Read/ write, memory	Default: 5%			
40210	209	0xD1	BACKGROUND_LCD_TIME_TO_IDLE_	Read/ write, memory	Default: 10 sec			
40211	210	0xD2	BACKGROUND_LCD_TIME_TO_STANDBY	Read/ write, memory	Default: 5 sec			
40212	211	0xD3	BACKGROUND_KEY_PAD_ACTIVE_MODE	Read/ write, memory	Default: 10%			
40213	212	0xD4	BACKGROUND_KEY_PAD_IDLE_MODE	Read/ write, memory	Default: 40%			
40214	213	0xD5	BACKGROUND_KEY_PAD_STANDBY_MODE	Read/ write, memory	Default: 60%			
40215	214	0xD6	BACKGROUND_KEY_PAD_TIME_TO_IDLE	Read/ write, memory	Default: 10 sec			
40216	215	0xD7	BACKGROUND_KEY_PAD_TIM	Read/ write, memory	Default: 5 sec			

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th colspan="2">Description</th></tr>
<tr><td></td><td></td><td></td><td>E_TO_STANDBY</td><td></td><td colspan="2"></td></tr>
<tr><td>40217</td><td>216</td><td>0xD8</td><td>REFRESH_TIME</td><td>Read/ write, memory</td><td colspan="2">Default: 2 sec</td></tr>
<tr><td rowspan="3">40218</td><td rowspan="3">217</td><td rowspan="3">0xD9</td><td rowspan="3">TIME_CONFIGURATION</td><td rowspan="3">Read/ write, memory</td><td>Bit</td><td>Value</td></tr>
<tr><td>0</td><td>Clock displayed (default)</td></tr>
<tr><td>1</td><td>Clock not displayed</td></tr>
<tr><td rowspan="11">40219</td><td rowspan="11">218</td><td rowspan="11">0xDA</td><td rowspan="11">LCD_ICON_DISPLAY</td><td rowspan="11">Read/ write, memory</td><td colspan="2">Each bit of the register shows or hides assigned icon</td></tr>
<tr><td>Bit</td><td>Icon</td></tr>
<tr><td>0</td><td>  </td></tr>
<tr><td>1</td><td>  </td></tr>
<tr><td>2</td><td>  </td></tr>
<tr><td>3</td><td>  </td></tr>
<tr><td>4</td><td>  </td></tr>
<tr><td>5</td><td>  </td></tr>
<tr><td>6</td><td>  </td></tr>
<tr><td>7</td><td>  </td></tr>
<tr><td>8</td><td>  </td></tr>
</table>

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th colspan="2">Description</th></tr>
<tr><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td rowspan="2"></td><td>9</td><td>  </td></tr>
<tr><td>10</td><td>  </td></tr>
<tr><td>40220</td><td>219</td><td>0xDB</td><td>LCD_ICON_FLASHING</td><td>Read/ write, memory</td><td colspan="2">Blinking of icons (bits 0-10 assigned analogically as in the LCD_ICON_DISPLAY register)</td></tr>
<tr><td>40221</td><td>220</td><td>0xDC</td><td>LCD_ICON_FLASHING_TIME</td><td>Read/ write, memory</td><td colspan="2">Icons blinking frequency. Default: 500 ms.</td></tr>
<tr><td>40222</td><td>221</td><td>0xDD</td><td>SUBMENU_ICON_FLASHING_TIME</td><td>Read/ write, memory</td><td colspan="2">Submenu icons flashing time. Default: 1000 ms.</td></tr>
<tr><td>40223</td><td>222</td><td>0xDE</td><td>ENTER_MENU_TIME</td><td>Read/ write, memory</td><td colspan="2">Default: 2 s</td></tr>
<tr><td>40224</td><td>223</td><td>0xDF</td><td>EXIT_EDIT_TIME</td><td>Read/ write, memory</td><td colspan="2">Default: 5 s</td></tr>
<tr><td>40225</td><td>224</td><td>0xE0</td><td>EXIT_MENU_TIME</td><td>Read/ write, memory</td><td colspan="2">Default: 10 s</td></tr>
<tr><td>40226</td><td>225</td><td>0xE1</td><td>CO2_SETPOINT_FOR_ALARM</td><td>Read/ write, memory</td><td colspan="2">CO_2 alarm setpoint. Default: 1500 ppm.</td></tr>
<tr><td>40227</td><td>226</td><td>0xE2</td><td>CO2_HYSTERESIS_FOR_ALARM</td><td>Read/ write, memory</td><td colspan="2">CO_2 alarm hysteresis. Default: 100 ppm.</td></tr>
<tr><td>40228</td><td>227</td><td>0xE3</td><td>SUBMENU_PROTECTION</td><td>Read/ write, memory</td><td colspan="2">Password protection from editing of submenus. Default: inactive.</td></tr>
<tr><td>40229</td><td>228</td><td>0xE4</td><td>SUBMENU_ICONS_FLASHING</td><td>Read/ write, memory</td><td colspan="2">Switching on icons blinking</td></tr>
<tr><td rowspan="2">30230</td><td rowspan="2">229</td><td rowspan="2">0xE5</td><td rowspan="2">CO2_ALARM_STATUS</td><td rowspan="2">Read/ write, memory</td><td colspan="2">CO2 current alarm status</td></tr>
<tr><td>Bit | Name | 0 | 1</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					0	Alarm status	Not active	Active
					1	Alarm confirmed	Not confirmed	Confirmed
30301	300	0x12C	TEMPERATURE_SENSOR	Read-only	Current temperature sensor value with offset.			
30302	301	0x12D	HUMIDITY_SENSOR	Read-only	Current humidity sensor value with offset.			
30303	302	0x12E	CO2_SENSOR	Read-only	Current CO_2 sensor value with offset.			
40304	303	0x12F	TEMPERATURE_SENSOR_OFFSET	Read/write, memory	Temperature sensor offset. Default: 0.			
40305	304	0x130	HUMIDITY_SENSOR_OFFSET	Read/write, memory	Humidity sensor offset. Default: 0.			
40306	305	0x131	CO2_SENSOR_OFFSET	Read/write, memory	CO_2 sensor offset. Default: 0.			
40307	306	0x132	TEMPERATURE_FILTER	Read/write, memory	Default: 10 s			
40308	307	0x133	HUMIDITY_FILTER	Read/write, memory	Default: 10 s			
40309	308	0x134	CO2_FILTER	Read/write, memory	Default: 10 s			
40310-40311	309-310	0x135	TEMPERATURE_NAME (32-bit)	Read/write, memory	Displayed temperature sensor name. Default: TEMP.			
40312-40313	311-312	0x137	HUMIDITY_NAME (32-bit)	Read/write, memory	Displayed humidity sensor name. Default: HUMI.			
40314-40315	313-314	0x139	CO2_NAME (32-bit)	Read/write, memory	Displayed CO_2 sensor name. Default: CO2.			

Modbus address	Decimal address	Hex address	Register name	Access	Description			
40316	315	0x13B	TEMPERATURE_CONFIGURATION	Read/ write, memory	Bit	Name	0	1
					0	Active	Not active	Active (default)
					4	ThirdPointActive	No decimal	Decimal (default)
40317	316	0x13C	HUMIDITY_CONFIGURATION	Read/ write, memory	Bit	Name	0	1
					0	Active	Not active	Active (default)
					4	ThirdPointActive	No decimal	Decimal (default)
40318	317	0x13D	CO2_CONFIGURATION	Read/ write, memory	Bit	Name	0	1
					0	Active	Not active	Active (default)
					4	ThirdPointActive	No decimal	Decimal (default)
41501	1500	0x5DC	SETPOINT	Read/ write	Actual setpoint value. After reset, the DEFAULT_SETPOINT is set to the setpoint value.			
41502	1501	0x5DD	EFFECTIVE_SETPOINT	Read-only	Sum of the temperature actual setpoint value and offset.			
41503	1502	0x5DE	DEFAULT_SETPOINT	Read/ write, memory	Default: 21°C			
41504	1503	0x5DF	OFFSET_SETPOINT	Read/ write, memory	Default: 0°C			
41505	1504	0x5E0	SETPOINT_LOW_LIMIT	Read/ write, memory	Min. available setpoint value. Default: 18°C.			
41506	1505	0x5E1	SETPOINT_HIGH_LIMIT	Read/ write, memory	Max. available setpoint value. Default: 24°C.			
41507	1506	0x5E2	OFFSET_RANGE	Read/ write, memory	Offset value limit. Default: 3°C.			

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>41508</td><td>1507</td><td>0x5E3</td><td>SETPOINT_STEP</td><td>Read/ write, memory</td><td>Setpoint step value. Default: 1°C.</td></tr>
<tr><td>41509-41510</td><td>1508=1509</td><td>0x5E4</td><td>OFFSET_NAME (32-bit)</td><td>Read/ write, memory</td><td>Displayed offset name. Default: OFFS.</td></tr>
<tr><td>41511-41512</td><td>1510-1511</td><td>0x5E6</td><td>SETPOINT_NAME (32-bit)</td><td>Read/ write, memory</td><td>Displayed setpoint name. Default: SETP.</td></tr>
<tr><td>41513</td><td>1512</td><td>0x5E8</td><td>SETPOINT_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Name</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>Visible</td><td>Not visible</td><td>Visible (default)</td></tr>
<tr><td>1</td><td>Editable</td><td>Not editable</td><td>Editable (default)</td></tr>
<tr><td>2</td><td>Operating mode</td><td>Changing offset</td><td>Changing setpoint (default)</td></tr>
<tr><td>3</td><td>Setpoint display</td><td>Show/ change offset</td><td>Show/ change Effective setpoint</td></tr>
<tr><td>4</td><td>Third point active</td><td>Not active</td><td>Active (default)</td></tr>
<tr><td>5</td><td>Fast edit mode</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>41601</td><td>1600</td><td>0x640</td><td>FAN_CURRENT_SPEED</td><td>Read/ write</td><td>
<table>
<tr><th>Value</th><th>Fan mode</th><th>Comment</th></tr>
<tr><td>0</td><td>Off (default)</td><td>Fan is off</td></tr>
<tr><td>1</td><td>Manual speed 1</td><td>Fan works in speed 1 manual mode</td></tr>
<tr><td>2</td><td>Manual speed 2</td><td>Fan works in speed 2 manual mode</td></tr>
<tr><td>3</td><td>Manual speed 3</td><td>Fan works in speed 3 manual mode</td></tr>
<tr><td>4</td><td>Auto speed 1</td><td>Fan works in speed 1 auto mode</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description		
					5	Auto speed 2	Fan works in speed 2 auto mode
					6	Auto speed 3	Fan works in speed 3 auto mode
41602	1601	0x641	FAN_MODE	Read/ write	Value	Fan mode	
					0	Off	
					1	Manual speed 1 (default)	
					2	Manual speed 2	
					3	Manual speed 3	
					4	Auto	
41603	1602	0x642	FAN_TYPE	Read/ write, memory	Value	Fan type	Comment
					0	0-10 V (default)	Fan is controlled by analog value 0-10 V
					1	1-speed	1-speed fan
					2	2-speed	2-speed fan
					3	3-speed	3-speed fan
41604-41605	1603-1604	0x643	FAN_MODE_0_NAME (32-bit)	Read/ write, memory	Displayed fan mode 0 name. Default: OFF		
41606-41607	1605-1606	0x645	FAN_MODE_1_NAME (32-bit)	Read/ write, memory	Displayed fan mode 1 name. Default: AUTO		
41608-41609	1607-1608	0x647	FAN_MODE_2_NAME (32-bit)	Read/ write, memory	Displayed fan mode 2 name. Default: _ _ _1		
41610-41611	1609-1610	0x649	FAN_MODE_3_NAME (32-bit)	Read/ write, memory	Displayed fan mode 3 name. Default: _ _11		
41612-41613	1611-1612	0x64B	FAN_MODE_4_NAME (32-bit)	Read/ write, memory	Displayed fan mode 4 name. Default: _111		

Modbus address	Decimal address	Hex address	Register name	Access	Description			
41614	1613	0x64D	FAN_CONFIGURATION	Read/ write, memory	Bit	Name	0	1
					0	Visible	Not visible	Visible (default)
					1	Editable	Not editable	Editable (default)
					2	Part editable	Fully editable (default)	Auto_off_ mode
					5	Fast edit mode	Not active (default)	Active
					6	Local mode	Not active	Active
						BMS mode	Active (default)	Not active
41615	1614	0x64E	FAN_ICON_FLASHING_TIME	Read/ write, memory	Time base for calculating the frequency of the fan icon rotation. Default: 500 ms.			
41701	1700	0x6A4	CURRENT_OCCUPIED_STATUS	Read/ write	Value (set remotely)	Occupancy status		
					0	Unoccupied		
					1	Occupied		
					2	Standby		
					3	Forced occupied		
41702	1701	0x6A5	OCCUPANCY_MODE	Read/ write, memory	Value	Occupancy mode		
					0	Unoccupied		
					1	Occupied		
41703-41704	1702-1703	0x6A6	OCCUPANCY_MODE_0_NAME (32-bit)	Read/ write, memory	Displayed unoccupied mode name. Default: UNOC			

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th colspan="4">Description</th></tr>
<tr><td>41705-41706</td><td>1704-1705</td><td>0x6A8</td><td>OCCUPANCY_MODE_1_NAME (32-bit)</td><td>Read/ write, memory</td><td colspan="4">Displayed occupied mode name. Default: OCC</td></tr>
<tr><td rowspan="7">41707</td><td rowspan="7">1706</td><td rowspan="7">0x6AA</td><td rowspan="7">OCCUPIED_CONFIGURATION</td><td rowspan="7">Read/ write, memory</td><td>Bit</td><td>Name</td><td>0</td><td>1</td></tr>
<tr><td>0</td><td>Visible</td><td>Not visible</td><td>Visible (default)</td></tr>
<tr><td>1</td><td>Editable</td><td>Not editable</td><td>Editable (default)</td></tr>
<tr><td>5</td><td>Fast edit mode</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td rowspan="2">6</td><td>Local mode</td><td>Not active</td><td>Active</td></tr>
<tr><td>BMS mode</td><td>Active (default)</td><td>Not active</td></tr>
</table>

13.1 List of User-defined Parameters Modbus Registers

The following sections list Modbus registers of user-defined parameters available for the Control Point panels.

13.1.1 Main Menu User-defined Parameters Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40051	50	0x32	MAIN_MENU_NUMERIC1_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40320	319	0x13F	MAIN_MENU_NUMERIC1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40322	321	0x141	MAIN_MENU_NUMERIC1_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu

Modbus address	Decimal address	Hex address	Register name	Access	Description			
40323	322	0x142	MAIN_MENU_NUMERIC1_CONFIGURATION	Read/ write, memory	Bit	Parameter	0	1
					0	Active	Not active (default)	Active
					1	Editable	Not editable (default)	Editable
					2	First point active	No decimal place (default)	One decimal place active
					3	Second point active	No decimal place (default)	Two decimal places active
					4	Third point active	No decimal place (default)	Three decimal places active
					6	C unit active	Not active (default)	Active
					7	F unit active	Not active (default)	Active
					8	Pa unit active	Not active (default)	Active
					9	Lx unit active	Not active (default)	Active
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40052	51	0x33	MAIN_MENU_NUMERIC2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40325	324	0x144	MAIN_MENU_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40327	326	0x146	MAIN_MENU_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu			
40328	327	0x147	MAIN_MENU_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)			
40053	52	0x34	MAIN_MENU_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40340	329	0x149	MAIN_MENU_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40332	331	0x14B	MAIN_MENU_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu			
40333	332	0x14C	MAIN_MENU_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)			
40054	53	0x35	MAIN_MENU_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40335	334	0x14E	MAIN_MENU_NUMERIC4_NAME (32–bits)	Read/ write, memory	User-defined name of the parameter			

Modbus address	Decimal address	Hex address	Register name	Access	Description
40337	336	0x150	MAIN_MENU_NUMERIC4_PRIORITY	Read/write, memory	Priority of the parameter for sequence of display in the main menu
40338	337	0x151	MAIN_MENU_NUMERIC4_CONFIGURATION	Read/write, memory	See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)
40055	54	0x36	MAIN_MENU_NUMERIC5_PRESENT_VALUE	Read/write, memory	Current value of the parameter
40340	339	0x153	MAIN_MENU_NUMERIC5_NAME (32-bit)	Read/write, memory	User-defined name of the parameter
40342	341	0x155	MAIN_MENU_NUMERIC5_PRIORITY	Read/write, memory	Priority of the parameter for sequence of display in the main menu
40343	342	0x156	MAIN_MENU_NUMERIC5_CONFIGURATION	Read/write, memory	See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)
40056	55	0x37	MAIN_MENU_NUMERIC6_PRESENT_VALUE	Read/write, memory	Current value of the parameter
40345	344	0x158	MAIN_MENU_NUMERIC6_NAME (32-bit)	Read/write, memory	User-defined name of the parameter
40347	346	0x15A	MAIN_MENU_NUMERIC6_PRIORITY	Read/write, memory	Priority of the parameter for sequence of display in the main menu
40348	347	0x15B	MAIN_MENU_NUMERIC6_CONFIGURATION	Read/write, memory	See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)
40057	56	0x38	MAIN_MENU_NUMERIC7_PRESENT_VALUE	Read/write, memory	Current value of the parameter
40350	349	0x15D	MAIN_MENU_NUMERIC7_NAME (32-bit)	Read/write, memory	User-defined name of the parameter
40352	351	0x15E	MAIN_MENU_NUMERIC7_PRIORITY	Read/write, memory	Priority of the parameter for sequence of display in the main menu

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40353</td><td>352</td><td>0x15F</td><td>MAIN_MENU_NUMERIC7_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)</td></tr>
<tr><td>40058</td><td>57</td><td>0x39</td><td>MAIN_MENU_NUMERIC8_PRESENTVALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40355</td><td>354</td><td>0x162</td><td>MAIN_MENU_NUMERIC8_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40357</td><td>356</td><td>0x164</td><td>MAIN_MENU_NUMERIC8_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40358</td><td>357</td><td>0x165</td><td>MAIN_MENU_NUMERIC8_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in MAIN_MENU_NUMERIC1_CONFIGURATION (40323)</td></tr>
<tr><td>40107</td><td>106</td><td>0x6A</td><td>MAIN_MENU_BOOLEAN_ALL_PRESENT_VALUE</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BOOLEAN1_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>BOOLEAN2_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td>6</td><td>BOOLEAN7_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>BOOLEAN8_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>40114</td><td>113</td><td>0x71</td><td>MAIN_MENU_BOOLEAN1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40360</td><td>359</td><td>0x167</td><td>MAIN_MENU_BOOLEAN1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40362</td><td>361</td><td>0x169</td><td>MAIN_MENU_BOOLEAN1_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
</table>

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40364</td><td>363</td><td>0x16B</td><td>MAIN_MENU_BOOLEAN1_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40366</td><td>365</td><td>0x16D</td><td>MAIN_MENU_BOOLEAN1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40367</td><td>366</td><td>0x16E</td><td>MAIN_MENU_BOOLEAN1_CONFIGURATION</td><td>Read/ write, memory</td><td><table><tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr><tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr></table></td></tr>
<tr><td>40115</td><td>114</td><td>0x72</td><td>MAIN_MENU_BOOLEAN2_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40369</td><td>368</td><td>0x170</td><td>MAIN_MENU_BOOLEAN2_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40371</td><td>370</td><td>0x172</td><td>MAIN_MENU_BOOLEAN2_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>40373</td><td>372</td><td>0x174</td><td>MAIN_MENU_BOOLEAN2_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40375</td><td>374</td><td>0x176</td><td>MAIN_MENU_BOOLEAN2_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40376</td><td>375</td><td>0x177</td><td>MAIN_MENU_BOOLEAN2_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)</td></tr>
<tr><td>40116</td><td>115</td><td>0x73</td><td>MAIN_MENU_BOOLEAN3_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40378</td><td>377</td><td>0x179</td><td>MAIN_MENU_BOOLEAN3_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40380</td><td>379</td><td>0x17B</td><td>MAIN_MENU_BOOLEAN3_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description
40382	381	0x17D	MAIN_MENU_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40384	383	0x17F	MAIN_MENU_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40385	384	0x180	MAIN_MENU_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)
40117	116	0x74	MAIN_MENU_BOOLEAN4_PRESENTVALUE	Read/ write, memory	Current value of the parameter
40387	386	0x182	MAIN_MENU_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40389	388	0x184	MAIN_MENU_BOOLEAN4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40391	390	0x186	MAIN_MENU_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40393	392	0x188	MAIN_MENU_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40394	393	0x189	MAIN_MENU_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)
40118	117	0x75	MAIN_MENU_BOOLEAN5_PRESENTVALUE	Read/ write, memory	Current value of the parameter
40396	395	0x18B	MAIN_MENU_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40398	397	0x18D	MAIN_MENU_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40400	399	0x18F	MAIN_MENU_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value

Modbus address	Decimal address	Hex address	Register name	Access	Description
40402	401	0x191	MAIN_MENU_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40403	402	0x192	MAIN_MENU_BOOLEAN5_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)
40119	118	0x76	MAIN_MENU_BOOLEAN6_PRESENTVALUE	Read/ write, memory	Current value of the parameter
40405	404	0x194	MAIN_MENU_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40407	406	0x196	MAIN_MENU_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40409	408	0x198	MAIN_MENU_BOOLEAN6_FALSETEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40411	410	0x19A	MAIN_MENU_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40412	411	0x19B	MAIN_MENU_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)
40120	119	0x77	MAIN_MENU_BOOLEAN7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40414	413	0x19D	MAIN_MENU_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40416	415	0x19F	MAIN_MENU_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40418	417	0x1A1	MAIN_MENU_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40420	419	0x1A3	MAIN_MENU_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu

Modbus address	Decimal address	Hex address	Register name	Access	Description
40421	420	0x1A4	MAIN_MENU_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)
40121	120	0x78	MAIN_MENU_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40423	422	0x1A6	MAIN_MENU_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40425	424	0x1A8	MAIN_MENU_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40427	426	0x1AA	MAIN_MENU_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40429	428	0x1AC	MAIN_MENU_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40440	429	0x1AD	MAIN_MENU_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in MAIN_MENU_BOOLEAN1_CONFIGURATION (40367)

13.1.2 Temperature Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40501	500	0x13F	TEMPERATURE_MENU_ACTIVE_POINTS	Read/ write, memory	Number of active parameters in the submenu
40059	58	0x3A	TEMPERATURE_NUMERIC1_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40504	503	0x1F7	TEMPERATURE_NUMERIC1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40506</td><td>505</td><td>0x1F9</td><td>TEMPERATURE_NUMERIC1_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>40507</td><td>506</td><td>0x1FA</td><td>TEMPERATURE_NUMERIC1_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>40508</td><td>507</td><td>0x1FB</td><td>TEMPERATURE_NUMERIC1_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>40509</td><td>508</td><td>0x1FC</td><td>TEMPERATURE_NUMERIC1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>40510</td><td>509</td><td>0x1FD</td><td>TEMPERATURE_NUMERIC1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>Active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>2</td><td>First point active</td><td>No decimal place (default)</td><td>One decimal place active</td></tr>
<tr><td>3</td><td>Second point active</td><td>No decimal place (default)</td><td>Two decimal places active</td></tr>
<tr><td>4</td><td>Third point active</td><td>No decimal place (default)</td><td>Three decimal places active</td></tr>
<tr><td>6</td><td>C unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>F unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>8</td><td>Pa unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>9</td><td>Lx unit active</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40060	59	0x3B	TEMPERATURE_NUMERIC2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40513	512	0x200	TEMPERATURE_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40515	514	0x202	TEMPERATURE_NUMERIC2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			
40516	515	0x203	TEMPERATURE_NUMERIC2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.			
40517	516	0x204	TEMPERATURE_NUMERIC2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.			
40518	517	0x205	TEMPERATURE_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu			
40519	518	0x1FD	TEMPERATURE_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)			

Modbus address	Decimal address	Hex address	Register name	Access	Description
40061	60	0x3C	TEMPERATURE_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40522	521	0x209	TEMPERATURE_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40524	523	0x20B	TEMPERATURE_NUMERIC3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40525	524	0x20C	TEMPERATURE_NUMERIC3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40526	525	0x20D	TEMPERATURE_NUMERIC3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40527	526	0x20E	TEMPERATURE_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40528	527	0x20F	TEMPERATURE_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)
40062	61	0x3D	TEMPERATURE_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40531	530	0x212	TEMPERATURE_NUMERIC4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40533	532	0x214	TEMPERATURE_NUMERIC4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40534	533	0x215	TEMPERATURE_NUMERIC4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40535	534	0x216	TEMPERATURE_NUMERIC4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40536	535	0x217	TEMPERATURE_NUMERIC4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu

Modbus address	Decimal address	Hex address	Register name	Access	Description
40537	536	0x218	TEMPERATURE_NUMERIC4_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)
40063	62	0x3E	TEMPERATURE_NUMERIC5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40540	539	0x21B	TEMPERATURE_NUMERIC5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40542	541	0x21D	TEMPERATURE_NUMERIC5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40543	542	0x21E	TEMPERATURE_NUMERIC5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40544	543	0x21F	TEMPERATURE_NUMERIC5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40545	544	0x220	TEMPERATURE_NUMERIC5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40546	545	0x221	TEMPERATURE_NUMERIC5_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)
40064	63	0x3F	TEMPERATURE_NUMERIC6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40549	548	0x224	TEMPERATURE_NUMERIC6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40551	550	0x226	TEMPERATURE_NUMERIC6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40552	551	0x227	TEMPERATURE_NUMERIC6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40553	552	0x228	TEMPERATURE_NUMERIC6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40554	553	0x229	TEMPERATURE_NUMERIC6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40555	554	0x22A	TEMPERATURE_NUMERIC6_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)
40065	64	0x40	TEMPERATURE_NUMERIC7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40558	557	0x22D	TEMPERATURE_NUMERIC7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40560	559	0x22F	TEMPERATURE_NUMERIC7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40561	560	0x230	TEMPERATURE_NUMERIC7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40562	561	0x231	TEMPERATURE_NUMERIC7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40563	562	0x232	TEMPERATURE_NUMERIC7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40564	563	0x233	TEMPERATURE_NUMERIC7_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)
40066	65	0x41	TEMPERATURE_NUMERIC8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40567	566	0x236	TEMPERATURE_NUMERIC8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40569</td><td>568</td><td>0x238</td><td>TEMPERATURE_NUMERIC8_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>40570</td><td>569</td><td>0x239</td><td>TEMPERATURE_NUMERIC8_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>40571</td><td>570</td><td>0x240</td><td>TEMPERATURE_NUMERIC8_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>40572</td><td>571</td><td>0x241</td><td>TEMPERATURE_NUMERIC8_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>40573</td><td>572</td><td>0x242</td><td>TEMPERATURE_NUMERIC8_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in TEMPERATURE_NUMERIC1_CONFIGURATION (40510)</td></tr>
<tr><td>40108</td><td>107</td><td>0x6B</td><td>TEMPERATURE_BOOLEAN_ALL_PRESENT_VALUE</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BOOLEAN1_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>BOOLEAN2_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td>6</td><td>BOOLEAN7_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>BOOLEAN8_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>40122</td><td>121</td><td>0x79</td><td>TEMPERATURE_BOOLEAN1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40576</td><td>575</td><td>0x23F</td><td>TEMPERATURE_BOOLEAN1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40578</td><td>577</td><td>0x241</td><td>TEMPERATURE_BOOLEAN1_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
</table>

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40580</td><td>579</td><td>0x243</td><td>TEMPERATURE_BOOLEAN1_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40582</td><td>581</td><td>0x245</td><td>TEMPERATURE_BOOLEAN1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40583</td><td>582</td><td>0x246</td><td>TEMPERATURE_BOOLEAN1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>EDITABLE</td><td>Not editable</td><td>Editable (default)</td></tr>
</table>
</td></tr>
<tr><td>40123</td><td>122</td><td>0x7A</td><td>TEMPERATURE_BOOLEAN2_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40586</td><td>585</td><td>0x249</td><td>TEMPERATURE_BOOLEAN2_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40588</td><td>587</td><td>0x251</td><td>TEMPERATURE_BOOLEAN2_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>40590</td><td>589</td><td>0x253</td><td>TEMPERATURE_BOOLEAN2_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40592</td><td>591</td><td>0x255</td><td>TEMPERATURE_BOOLEAN2_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40593</td><td>592</td><td>0x256</td><td>TEMPERATURE_BOOLEAN2_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)</td></tr>
<tr><td>40124</td><td>123</td><td>0x7B</td><td>TEMPERATURE_BOOLEAN3_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40596</td><td>595</td><td>0x253</td><td>TEMPERATURE_BOOLEAN3_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description
40598	597	0x255	TEMPERATURE_BOOLEAN3_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40600	599	0x257	TEMPERATURE_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40602	601	0x259	TEMPERATURE_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40603	602	0x25A	TEMPERATURE_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)
40125	124	0x7C	TEMPERATURE_BOOLEAN4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40606	605	0x25D	TEMPERATURE_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40608	607	0x25F	TEMPERATURE_BOOLEAN4_TRUE_TEXT (32–bits)	Read/ write, memory	Text for the parameter's true value
40610	609	0x261	TEMPERATURE_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40612	611	0x263	TEMPERATURE_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40613	612	0x264	TEMPERATURE_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)
40126	125	0x7D	TEMPERATURE_BOOLEAN5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
40616	615	0x267	TEMPERATURE_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40618	617	0x269	TEMPERATURE_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40620	619	0x271	TEMPERATURE_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40622	621	0x273	TEMPERATURE_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40623	622	0x274	TEMPERATURE_BOOLEAN5_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)
40127	126	0x7E	TEMPERATURE_BOOLEAN6 PRESENT_VALUE_	Read/ write, memory	Current value of the parameter
40626	625	0x271	TEMPERATURE_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40628	627	0x273	TEMPERATURE_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40630	629	0x275	TEMPERATURE_BOOLEAN6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40632	631	0x277	TEMPERATURE_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40633	632	0x278	TEMPERATURE_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)
40128	127	0x7F	TEMPERATURE_BOOLEAN7_P	Read/ write, memory	Current value of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
			RESENT_VALUE		
40636	635	0x27B	TEMPERATURE_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40638	637	0x27D	TEMPERATURE_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40640	639	0x27F	TEMPERATURE_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40642	641	0x281	TEMPERATURE_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40643	642	0x282	TEMPERATURE_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)
40129	128	0x80	TEMPERATURE_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40646	645	0x285	TEMPERATURE_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40648	647	0x287	TEMPERATURE_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40650	649	0x289	TEMPERATURE_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40652	651	0x28B	TEMPERATURE_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40653	652	0x28C	TEMPERATURE_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in TEMPERATURE_BOOLEAN1_CONFIGURATION (40583)

13.1.3 Fan Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.
The Control Point VAV series by default has no fan control and registers referring to fan control are inapplicable. If the fan control is activated on the Control Point VAV series panel, the registers become applicable too.

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40654</td><td>653</td><td>0x28D</td><td>FAN_MENU_ACTIVE_POINTS</td><td>Read/ write, memory</td><td>Number of active parameters in the submenu</td></tr>
<tr><td>40067</td><td>66</td><td>0x42</td><td>FAN_NUMERIC 1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40657</td><td>656</td><td>0x290</td><td>FAN_NUMERIC 1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40659</td><td>658</td><td>0x292</td><td>FAN_NUMERIC 1_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>40660</td><td>659</td><td>0x293</td><td>FAN_NUMERIC 1_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>40661</td><td>660</td><td>0x294</td><td>FAN_NUMERIC 1_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>40662</td><td>661</td><td>0x295</td><td>FAN_NUMERIC 1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>40663</td><td>662</td><td>0x296</td><td>FAN_NUMERIC 1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>Active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>2</td><td>First point active</td><td>No decimal place (default)</td><td>One decimal place active</td></tr>
<tr><td>3</td><td>Second point active</td><td>No decimal place (default)</td><td>Two decimal places active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					4	Third point active	No decimal place (default)	Three decimal places active
					6	C unit active	Not active (default)	Active
					7	F unit active	Not active (default)	Active
					8	Pa unit active	Not active (default)	Active
					9	Lx unit active	Not active (default)	Active
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40068	67	0x43	FAN_NUMERIC 2_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter			
40666	665	0x299	FAN_NUMERIC 2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			

Modbus address	Decimal address	Hex address	Register name	Access	Description
40668	667	0x301	FAN_NUMERIC 2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40669	668	0x302	FAN_NUMERIC 2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40670	669	0x303	FAN_NUMERIC 2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40671	670	0x304	FAN_NUMERIC 2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40672	671	0x305	FAN_NUMERIC 2_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40069	68	0x44	FAN_NUMERIC 3_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40675	674	0x2A2	FAN_NUMERIC 3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40677	676	0x2A4	FAN_NUMERIC 3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40678	677	0x2A5	FAN_NUMERIC 3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40679	678	0x2A6	FAN_NUMERIC 3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40680	679	0x2A7	FAN_NUMERIC 3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40681	680	0x2A8	FAN_NUMERIC 3_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40070	69	0x45	FAN_NUMERIC 4_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
40684	683	0x2AB	FAN_NUMERIC 4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40686	685	0x2AD	FAN_NUMERIC 4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40687	686	0x2AE	FAN_NUMERIC 4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40688	687	0x2AF	FAN_NUMERIC 4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40689	688	0x2B0	FAN_NUMERIC 4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40690	689	0x2B1	FAN_NUMERIC 4_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40071	70	0x46	FAN_NUMERIC 5_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40693	692	0x2B4	FAN_NUMERIC 5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40695	694	0x2B6	FAN_NUMERIC 5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40696	695	0x2B7	FAN_NUMERIC 5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40697	696	0x2B8	FAN_NUMERIC 5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40698	697	0x2B9	FAN_NUMERIC 5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40699	698	0x2BA	FAN_NUMERIC 5_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)

Modbus address	Decimal address	Hex address	Register name	Access	Description
40072	71	0x47	FAN_NUMERIC 6_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40702	701	0x2BD	FAN_NUMERIC 6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40704	703	0x2BF	FAN_NUMERIC 6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40705	704	0x2C0	FAN_NUMERIC 6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40706	705	0x2C1	FAN_NUMERIC 6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40707	706	0x2C2	FAN_NUMERIC 6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40708	707	0x2C3	FAN_NUMERIC 6_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40073	72	0x48	FAN_NUMERIC 7_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40711	710	0x2C6	FAN_NUMERIC 7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40713	712	0x2C8	FAN_NUMERIC 7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40714	713	0x2C9	FAN_NUMERIC 7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40715	714	0x2CA	FAN_NUMERIC 7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40716	715	0x2CB	FAN_NUMERIC 7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu

Modbus address	Decimal address	Hex address	Register name	Access	Description
40717	716	0x2CC	FAN_NUMERIC 7_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40074	73	0x49	FAN_NUMERIC 8_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40720	719	0x2CF	FAN_NUMERIC 8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40722	721	0x2D1	FAN_NUMERIC 8_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40723	722	0x2D2	FAN_NUMERIC 8_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40724	723	0x2D3	FAN_NUMERIC 8_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40725	724	0x2D4	FAN_NUMERIC 8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40726	725	0x2D5	FAN_NUMERIC 8_CONFIGURA TION	Read/ write, memory	See the table in FAN_NUMERIC1_CONFIGURATION (40663)
40109	108	0x6C	FAN_BOOLEAN _ALL_PRESENT _VALUE	Read/ write, memory	See the table in the 40107 register
40130	129	0x81	FAN_BOOLEAN 1_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40729	728	0x2D8	FAN_BOOLEAN 1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40731	730	0x2DA	FAN_BOOLEAN 1_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40733	732	0x2DC	FAN_BOOLEAN 1_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th colspan="4">Description</th></tr>
<tr><td>40735</td><td>734</td><td>0x2DE</td><td>FAN_BOOLEAN 1_PRIORITY</td><td>Read/ write, memory</td><td colspan="4">Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td rowspan="3">40736</td><td rowspan="3">735</td><td rowspan="3">0x2DF</td><td rowspan="3">FAN_BOOLEAN 1_CONFIGURA TION</td><td rowspan="3">Read/ write, memory</td><td>Bit</td><td>Parameter</td><td>0</td><td>1</td></tr>
<tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>EDITABLE</td><td>Not editable</td><td>Editable (default)</td></tr>
<tr><td>40131</td><td>130</td><td>0x82</td><td>FAN_BOOLEAN 2_PRESENT_VA LUE</td><td>Read/ write, memory</td><td colspan="4">Current value of the parameter</td></tr>
<tr><td>40739</td><td>738</td><td>0x2E2</td><td>FAN_BOOLEAN 2_NAME (32-bit)</td><td>Read/ write, memory</td><td colspan="4">User-defined name of the parameter</td></tr>
<tr><td>40741</td><td>740</td><td>0x2E4</td><td>FAN_BOOLEAN 2_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td colspan="4">Text for the parameter’s true value</td></tr>
<tr><td>40743</td><td>742</td><td>0x2E6</td><td>FAN_BOOLEAN 2_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td colspan="4">Text for the parameter’s false value</td></tr>
<tr><td>40745</td><td>744</td><td>0x2E8</td><td>FAN_BOOLEAN 2_PRIORITY</td><td>Read/ write, memory</td><td colspan="4">Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40746</td><td>745</td><td>0x2E9</td><td>FAN_BOOLEAN 2_CONFIGURA TION</td><td>Read/ write, memory</td><td colspan="4">See the table in FAN_BOOLEAN1_CONFIGURATION (40736)</td></tr>
<tr><td>40132</td><td>131</td><td>0x83</td><td>FAN_BOOLEAN 3_PRESENT_VA LUE</td><td>Read/ write, memory</td><td colspan="4">Current value of the parameter</td></tr>
<tr><td>40749</td><td>748</td><td>0x2EC</td><td>FAN_BOOLEAN 3_NAME (32-bit)</td><td>Read/ write, memory</td><td colspan="4">User-defined name of the parameter</td></tr>
<tr><td>40751</td><td>750</td><td>0x2EE</td><td>FAN_BOOLEAN 3_TRUE_TEXT 32 – BITS)</td><td>Read/ write, memory</td><td colspan="4">Text for the parameter’s true value</td></tr>
<tr><td>40753</td><td>752</td><td>0x2F0</td><td>FAN_BOOLEAN 3_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td colspan="4">Text for the parameter’s false value</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description
40755	754	0x2F2	FAN_BOOLEAN 3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40756	755	0x2F3	FAN_BOOLEAN 3_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)
40133	132	0x84	FAN_BOOLEAN 4_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40759	758	0x2F6	FAN_BOOLEAN 4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40761	760	0x2F8	FAN_BOOLEAN 4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40763	762	0x2FA	FAN_BOOLEAN 4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40765	764	0x2FC	FAN_BOOLEAN 4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40766	765	0x2FD	FAN_BOOLEAN 4_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)
40134	133	0x85	FAN_BOOLEAN 5_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40769	768	0x300	FAN_BOOLEAN 5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40771	770	0x302	FAN_BOOLEAN 5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40773	772	0x304	FAN_BOOLEAN 5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40775	774	0x306	FAN_BOOLEAN 5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu

Modbus address	Decimal address	Hex address	Register name	Access	Description
40776	775	0x307	FAN_BOOLEAN 5_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)
40135	134	0x86	FAN_BOOLEAN 6_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40779	778	0x30A	FAN_BOOLEAN 6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40781	780	0x30C	FAN_BOOLEAN 6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40783	782	0x30E	FAN_BOOLEAN 6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40785	784	0x310	FAN_BOOLEAN 6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40786	785	0x311	FAN_BOOLEAN 6_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)
40136	135	0x87	FAN_BOOLEAN 7_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40789	788	0x314	FAN_BOOLEAN 7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40791	790	0x316	FAN_BOOLEAN 7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40793	792	0x318	FAN_BOOLEAN 7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40795	794	0x31A	FAN_BOOLEAN 7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40796	795	0x31B	FAN_BOOLEAN 7_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)

Modbus address	Decimal address	Hex address	Register name	Access	Description
40137	136	0x88	FAN_BOOLEAN 8_PRESENT_VA LUE	Read/ write, memory	Current value of the parameter
40799	798	0x31E	FAN_BOOLEAN 8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40648	800	0x320	FAN_BOOLEAN 8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40803	802	0x322	FAN_BOOLEAN 8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40805	804	0x324	FAN_BOOLEAN 8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40806	805	0x325	FAN_BOOLEAN 8_CONFIGURA TION	Read/ write, memory	See the table in FAN_BOOLEAN1_CONFIGURATION (40736)

13.1.4 Occupancy Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
41266	1265	0x4F1	SETTINGS_ME NU_ACTIVE_PO INTS	Read/ write, memory	Number of active parameters in the submenu
40099	98	0x62	SETTINGS_NU MERIC1_PRESE NT_VALUE	Read/ write, memory	Current value of the parameter
41269	1268	0x4F4	SETTINGS_NU MERIC1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40812	1270	0x4F6	SETTINGS_NU MERIC1_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>41272</td><td>1271</td><td>0x4F7</td><td>SETTINGS_NUMERIC1_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>41273</td><td>1272</td><td>0x4F8</td><td>SETTINGS_NUMERIC1_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>41274</td><td>1273</td><td>0x4F9</td><td>SETTINGS_NUMERIC1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>41275</td><td>1274</td><td>0x4FA</td><td>SETTINGS_NUMERIC1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>Active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>2</td><td>First point active</td><td>No decimal place (default)</td><td>One decimal place active</td></tr>
<tr><td>3</td><td>Second point active</td><td>No decimal place (default)</td><td>Two decimal places active</td></tr>
<tr><td>4</td><td>Third point active</td><td>No decimal place (default)</td><td>Three decimal places active</td></tr>
<tr><td>6</td><td>C unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>F unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>8</td><td>Pa unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>9</td><td>Lx unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>10</td><td>ppm unit active</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40100	99	0x63	SETTINGS_NUMERIC2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41278	1277	0x4FD	SETTINGS_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41280	1279	0x4FF	SETTINGS_NUMERIC2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			
41281	1280	0x500	SETTINGS_NUMERIC2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.			
41282	1281	0x501	SETTINGS_NUMERIC2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.			
41283	1282	0x502	SETTINGS_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu			
41284	1283	0x503	SETTINGS_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)			
40101	100	0x64	SETTINGS_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			

Modbus address	Decimal address	Hex address	Register name	Access	Description
41287	1286	0x506	SETTINGS_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41289	1288	0x508	SETTINGS_NUMERIC3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41290	1289	0x509	SETTINGS_NUMERIC3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41291	1290	0x50A	SETTINGS_NUMERIC3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41292	1291	0x50B	SETTINGS_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41293	1292	0x50C	SETTINGS_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)
40102	101	0x65	SETTINGS_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41296	1295	0x50F	SETTINGS_NUMERIC4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41298	1297	0x511	SETTINGS_NUMERIC4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41299	1298	0x512	SETTINGS_NUMERIC4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41300	1299	0x513	SETTINGS_NUMERIC4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41301	1300	0x514	SETTINGS_NUMERIC4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41302	1301	0x515	SETTINGS_NUMERIC4_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)

Modbus address	Decimal address	Hex address	Register name	Access	Description
40103	102	0x66	SETTINGS_NUMERIC5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41305	1304	0x518	SETTINGS_NUMERIC5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41307	1306	0x51A	SETTINGS_NUMERIC5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41308	1307	0x51B	SETTINGS_NUMERIC5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41309	1308	0x51C	SETTINGS_NUMERIC5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41310	1309	0x51D	SETTINGS_NUMERIC5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41311	1310	0x51E	SETTINGS_NUMERIC5_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)
40104	103	0x67	SETTINGS_NUMERIC6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41314	1313	0x521	SETTINGS_NUMERIC6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41316	1315	0x523	SETTINGS_NUMERIC6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41317	1316	0x524	SETTINGS_NUMERIC6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41318	1317	0x525	SETTINGS_NUMERIC6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41319	1318	0x526	SETTINGS_NUMERIC6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu

Modbus address	Decimal address	Hex address	Register name	Access	Description
41320	1319	0x527	SETTINGS_NUMERIC6_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)
40105	104	0x68	SETTINGS_NUMERIC7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41323	1322	0x52A	SETTINGS_NUMERIC7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41325	1324	0x52C	SETTINGS_NUMERIC7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41326	1325	0x52D	SETTINGS_NUMERIC7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41327	1326	0x52E	SETTINGS_NUMERIC7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41328	1327	0x52F	SETTINGS_NUMERIC7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41329	1328	0x530	SETTINGS_NUMERIC7_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)
40106	105	0x69	SETTINGS_NUMERIC8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41332	1331	0x533	SETTINGS_NUMERIC8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41334	1333	0x535	SETTINGS_NUMERIC8_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41335	1334	0x536	SETTINGS_NUMERIC8_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41336	1335	0x537	SETTINGS_NUMERIC8_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>41337</td><td>1336</td><td>0x538</td><td>SETTINGS_NUMERIC8_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>41338</td><td>1337</td><td>0x539</td><td>SETTINGS_NUMERIC8_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in SETTINGS_NUMERIC1_CONFIGURATION (41275)</td></tr>
<tr><td>40113</td><td>112</td><td>0x70</td><td>SETTINGS_BOOLEAN_ALL_PRESENT_VALUE</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BOOLEAN1_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>BOOLEAN2_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td>6</td><td>BOOLEAN7_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>BOOLEAN8_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>40162</td><td>161</td><td>0xA1</td><td>SETTINGS_BOOLEAN1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>41341</td><td>1340</td><td>0x53C</td><td>SETTINGS_BOOLEAN1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>41343</td><td>1342</td><td>0x53E</td><td>SETTINGS_BOOLEAN1_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>41345</td><td>1344</td><td>0x540</td><td>SETTINGS_BOOLEAN1_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>41347</td><td>1346</td><td>0x542</td><td>SETTINGS_BOOLEAN1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>41348</td><td>1347</td><td>0x543</td><td>SETTINGS_BOOLEAN1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					1	EDITABLE	Not editable	Editable (default)
40163	162	0xA2	SETTINGS_BOOLEAN2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41351	1350	0x546	SETTINGS_BOOLEAN2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41353	1352	0x548	SETTINGS_BOOLEAN2_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value			
41355	1354	0x54A	SETTINGS_BOOLEAN2_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value			
41357	1356	0x54C	SETTINGS_BOOLEAN2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu			
41358	1357	0x54E	SETTINGS_BOOLEAN2_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)			
40164	163	0xA3	SETTINGS_BOOLEAN3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41361	1360	0x550	SETTINGS_BOOLEAN3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41363	1362	0x552	SETTINGS_BOOLEAN3_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value			
41365	1364	0x554	SETTINGS_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value			
41367	1366	0x556	SETTINGS_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu			
41368	1367	0x557	SETTINGS_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)			
40165	164	0xA4	SETTINGS_BOOLEAN4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			

Modbus address	Decimal address	Hex address	Register name	Access	Description
41371	1370	0x55A	SETTINGS_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41373	1372	0x55C	SETTINGS_BOOLEAN4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41375	1374	0x55E	SETTINGS_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41377	1376	0x560	SETTINGS_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41378	1377	0x561	SETTINGS_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)
40166	165	0xA5	SETTINGS_BOOLEAN5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41381	1380	0x564	SETTINGS_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41383	1382	0x566	SETTINGS_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41385	1384	0x568	SETTINGS_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41387	1386	0x56A	SETTINGS_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41388	1387	0x56B	SETTINGS_BOOLEAN5_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)
40167	166	0xA6	SETTINGS_BOOLEAN6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41391	1390	0x56E	SETTINGS_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
41393	1392	0x570	SETTINGS_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41395	1394	0x572	SETTINGS_BOOLEAN6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41397	1396	0x574	SETTINGS_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41398	1397	0x575	SETTINGS_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)
40168	167	0xA7	SETTINGS_BOOLEAN7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41401	1400	0x578	SETTINGS_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41403	1402	0x57A	SETTINGS_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41405	1404	0x57C	SETTINGS_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41407	1406	0x57E	SETTINGS_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41408	1407	0x57F	SETTINGS_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)
40169	168	0xA8	SETTINGS_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41411	1410	0x582	SETTINGS_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41413	1412	0x584	SETTINGS_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value

Modbus address	Decimal address	Hex address	Register name	Access	Description
41415	1414	0x586	SETTINGS_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41417	1416	0x588	SETTINGS_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41418	1417	0x589	SETTINGS_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in SETTINGS_BOOLEAN1_CONFIGURATION (41348)

13.1.5 Alarms Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
41113	1112	0x458	ALARMS_MENU_ACTIVE_POINTS	Read/ write, memory	Number of active parameters in the submenu
40091	90	0x5A	ALARMS_NUMERIC1__PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41116	1115	0x45B	ALARMS_NUMERIC1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41118	1117	0x45D	ALARMS_NUMERIC1_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41119	1118	0x45E	ALARMS_NUMERIC1_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41120	1119	0x45F	ALARMS_NUMERIC1_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41121	1120	0x460	ALARMS_NUMERIC1_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu

Modbus address	Decimal address	Hex address	Register name	Access	Description			
41122	1121	0x461	ALARMS_NUMERIC1_CONFIGURATION	Read/ write, memory	Bit	Parameter	0	1
					0	Active	Not active (default)	Active
					2	First point active	No decimal places (default)	One decimal places active
					3	Second point active	No decimal places (default)	Two decimal placess active
					4	Third point active	No decimal places (default)	Three decimal placess active
					6	C unit active	Not active (default)	Active
					7	F unit active	Not active (default)	Active
					8	Pa unit active	Not active (default)	Active
					9	Lx unit active	Not active (default)	Active
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40092	91	0x5B	ALARMS_NUMERIC2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41125	1124	0x464	ALARMS_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41127	1126	0x466	ALARMS_NUMERIC2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			
41128	1127	0x467	ALARMS_NUMERIC2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.			
41129	1128	0x468	ALARMS_NUMERIC2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.			
41130	1129	0x469	ALARMS_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu			
41131	1130	0x46A	ALARMS_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)			
40093	92	0x5C	ALARMS_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41134	1133	0x46D	ALARMS_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41136	1135	0x46F	ALARMS_NUMERIC3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			
41137	1136	0x470	ALARMS_NUMERIC3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.			

Modbus address	Decimal address	Hex address	Register name	Access	Description
41138	1137	0x471	ALARMS_NUMERIC3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41139	1138	0x472	ALARMS_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41140	1139	0x473	ALARMS_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40094	93	0x5D	ALARMS_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41143	1142	0x476	ALARMS_NUMERIC4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41145	1144	0x478	ALARMS_NUMERIC4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41146	1145	0x479	ALARMS_NUMERIC4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41147	1146	0x47A	ALARMS_NUMERIC4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41148	1147	0x47B	ALARMS_NUMERIC4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41149	1148	0x47C	ALARMS_NUMERIC4_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40095	94	0x5E	ALARMS_NUMERIC5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41152	1151	0x47F	ALARMS_NUMERIC5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41154	1153	0x481	ALARMS_NUMERIC5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.

Modbus address	Decimal address	Hex address	Register name	Access	Description
41155	1154	0x482	ALARMS_NUMERIC5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41156	1155	0x483	ALARMS_NUMERIC5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41157	1156	0x484	ALARMS_NUMERIC5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41158	1157	0x485	ALARMS_NUMERIC5_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40096	95	0x5F	ALARMS_NUMERIC6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41161	1160	0x488	ALARMS_NUMERIC6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41163	1162	0x48A	ALARMS_NUMERIC6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41164	1163	0x48B	ALARMS_NUMERIC6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41165	1164	0x48C	ALARMS_NUMERIC6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41166	1165	0x48D	ALARMS_NUMERIC6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41167	1166	0x48E	ALARMS_NUMERIC6_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40097	96	0x60	ALARMS_NUMERIC7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41170	1169	0x491	ALARMS_NUMERIC7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
41172	1171	0x493	ALARMS_NUMERIC7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41173	1172	0x494	ALARMS_NUMERIC7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41174	1173	0x495	ALARMS_NUMERIC7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41175	1174	0x496	ALARMS_NUMERIC7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41176	1175	0x497	ALARMS_NUMERIC7_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40098	97	0x61	ALARMS_NUMERIC8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41179	1178	0x49A	ALARMS_NUMERIC8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41181	1180	0x49C	ALARMS_NUMERIC8_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41182	1181	0x49D	ALARMS_NUMERIC8_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41183	1182	0x49E	ALARMS_NUMERIC8_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41184	1183	0x49F	ALARMS_NUMERIC8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41185	1184	0x4A0	ALARMS_NUMERIC8_CONFIGURATION	Read/ write, memory	See the table in ALARMS_NUMERIC1_CONFIGURATION (41122)
40112	111	0x6F	ALARMS_BOOLEAN_ALL_PRESENT_VALUE	Read/ write, memory	Bit / Parameter / 0 / 1 0 / BOOLEAN1_PRESENT_VALUE / Not active (default) / Active

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					1	BOOLEAN2_PRESENT_VALUE	Not active (default)	Active
					...	...	...	...
					6	BOOLEAN7_PRESENT_VALUE	Not active (default)	Active
					7	BOOLEAN8_PRESENT_VALUE	Not active (default)	Active
40138	153	0x99	ALARMS_BOOLEAN1_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40882	1187	0x4A3	ALARMS_BOOLEAN1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40884	1189	0x4A5	ALARMS_BOOLEAN1_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value			
40886	1191	0x4A7	ALARMS_BOOLEAN1_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value			
40888	1193	0x4A9	ALARMS_BOOLEAN1_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu			
41195	1194	0x4AA	ALARMS_BOOLEAN1_CONFIGURATION	Read/ write, memory	Bit	Parameter	0	1
					0	ACTIVE	Not active (default)	Active
					1	EDITABLE	Not editable	Editable (default)
40155	154	0x9A	ALARMS_BOOLEAN2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
41199	1197	0x4AD	ALARMS_BOOLEAN2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
41201	1199	0x4AF	ALARMS_BOOLEAN2_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value			

Modbus address	Decimal address	Hex address	Register name	Access	Description
41202	1201	0x4B1	ALARMS_BOOLEAN2_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41204	1203	0x4B3	ALARMS_BOOLEAN2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41205	1204	0x4B4	ALARMS_BOOLEAN2_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40156	155	0x9B	ALARMS_BOOLEAN3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41208	1207	0x4B7	ALARMS_BOOLEAN3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41210	1209	0x4B9	ALARMS_BOOLEAN3_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41212	1211	0x4BB	ALARMS_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41214	1213	0x4BD	ALARMS_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41215	1214	0x4BE	ALARMS_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40157	156	0x9C	ALARMS_BOOLEAN4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41218	1217	0x4C1	ALARMS_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41220	1219	0x4C3	ALARMS_BOOLEAN4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41222	1221	0x4C5	ALARMS_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value

Modbus address	Decimal address	Hex address	Register name	Access	Description
41224	1223	0x4C7	ALARMS_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41225	1224	0x4C8	ALARMS_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40158	157	0x9D	ALARMS_BOOLEAN5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41228	1227	0x4CB	ALARMS_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41230	1229	0x4CD	ALARMS_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41232	1231	0x4CF	ALARMS_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41234	1233	0x4D1	ALARMS_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41235	1234	0x4D2	ALARMS_BOOLEAN5_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40159	158	0x9E	ALARMS_BOOLEAN6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41238	1237	0x4D5	ALARMS_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41240	1239	0x4D7	ALARMS_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41242	1241	0x4D9	ALARMS_BOOLEAN6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41244	1243	0x4DB	ALARMS_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu

Modbus address	Decimal address	Hex address	Register name	Access	Description
41245	1244	0x4DC	ALARMS_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40160	159	0x9F	ALARMS_BOOLEAN7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41248	1247	0x4DF	ALARMS_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41250	1249	0x4E1	ALARMS_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41252	1251	0x4E3	ALARMS_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41254	1253	0x4E5	ALARMS_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41255	1254	0x4E6	ALARMS_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)
40161	160	0xA0	ALARMS_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41258	1257	0x4E9	ALARMS_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41260	1259	0x4EB	ALARMS_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41262	1261	0x4ED	ALARMS_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41264	1263	0x4EF	ALARMS_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41265	1264	0x4F0	ALARMS_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in ALARMS_BOOLEAN1_CONFIGURATION (41195)

13.1.6 Light Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40807	806	0x326	LIGHT_MENU_ACTIVE_POINTS	Read/ write, memory	Number of active parameters in the submenu
40075	74	0x4A	LIGHT_NUMERIC1_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40810	809	0x329	LIGHT_NUMERIC1_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40812	811	0x32B	LIGHT_NUMERIC1_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40813	812	0x32C	LIGHT_NUMERIC1_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40814	813	0x32D	LIGHT_NUMERIC1_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40815	814	0x32E	LIGHT_NUMERIC1_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40816	815	0x32F	LIGHT_NUMERIC1_CONFIGURATION	Read/ write, memory	Bit / Parameter / 0 / 1 0 / Active / Not active (default) / Active 2 / First point active / No decimal place (default) / One decimal place active 3 / Second point active / No decimal place (default) / Two decimal places active 4 / Third point active / No decimal / Three decimal

Modbus address	Decimal address	Hex address	Register name	Access	Description			
							place (default)	places active
					6	C unit active	Not active (default)	Active
					7	F unit active	Not active (default)	Active
					8	Pa unit active	Not active (default)	Active
					9	Lx unit active	Not active (default)	Active
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40076	75	0x4B	LIGHT_NUMERIC2_PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40819	818	0x332	LIGHT_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40821	820	0x334	LIGHT_NUMERIC2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			

Modbus address	Decimal address	Hex address	Register name	Access	Description
40822	821	0x335	LIGHT_NUMERIC2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40823	822	0x336	LIGHT_NUMERIC2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40824	823	0x337	LIGHT_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40825	824	0x338	LIGHT_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)
40077	76	0x4C	LIGHT_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40828	827	0x33B	LIGHT_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40830	829	0x33D	LIGHT_NUMERIC3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40831	830	0x33E	LIGHT_NUMERIC3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40832	831	0x33F	LIGHT_NUMERIC3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40833	832	0x340	LIGHT_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40834	833	0x341	LIGHT_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)
40078	77	0x4D	LIGHT_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40837	836	0x344	LIGHT_NUMERIC4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
40839	838	0x346	LIGHT_NUMERIC4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40840	839	0x347	LIGHT_NUMERIC4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40841	840	0x348	LIGHT_NUMERIC4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40842	841	0x349	LIGHT_NUMERIC4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40843	842	0x34A	LIGHT_NUMERIC4_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)
40079	78	0x4E	LIGHT_NUMERIC5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40846	845	0x34D	LIGHT_NUMERIC5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40848	847	0x34F	LIGHT_NUMERIC5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40849	848	0x350	LIGHT_NUMERIC5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40850	849	0x351	LIGHT_NUMERIC5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40851	850	0x352	LIGHT_NUMERIC5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40852	851	0x353	LIGHT_NUMERIC5_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)
40080	79	0x4F	LIGHT_NUMERIC6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
40855	854	0x356	LIGHT_NUMERIC6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40857	856	0x358	LIGHT_NUMERIC6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40858	857	0x359	LIGHT_NUMERIC6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40859	858	0x35A	LIGHT_NUMERIC6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40860	859	0x35B	LIGHT_NUMERIC6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40861	860	0x35C	LIGHT_NUMERIC6_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)
40081	80	0x50	LIGHT_NUMERIC7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40864	863	0x35F	LIGHT_NUMERIC7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40866	865	0x361	LIGHT_NUMERIC7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40867	866	0x362	LIGHT_NUMERIC7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40868	867	0x363	LIGHT_NUMERIC7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40869	868	0x364	LIGHT_NUMERIC7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40870	869	0x365	LIGHT_NUMERIC7_CONFIGURATION	Read/ write, memory	See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40082</td><td>81</td><td>0x51</td><td>LIGHT_NUMERIC8_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40873</td><td>872</td><td>0x368</td><td>LIGHT_NUMERIC8_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40875</td><td>874</td><td>0x36A</td><td>LIGHT_NUMERIC8_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>40876</td><td>875</td><td>0x36B</td><td>LIGHT_NUMERIC8_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>40877</td><td>876</td><td>0x36C</td><td>LIGHT_NUMERIC8_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>40878</td><td>877</td><td>0x36D</td><td>LIGHT_NUMERIC8_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>40879</td><td>878</td><td>0x36E</td><td>LIGHT_NUMERIC8_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in LIGHT_NUMERIC1_CONFIGURATION (40816)</td></tr>
<tr><td>40110</td><td>109</td><td>0x6D</td><td>LIGHT_BOOLEAN_ALL_PRESENT_VALUE</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BOOLEAN1_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>BOOLEAN2_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td>6</td><td>BOOLEAN7_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>BOOLEAN8_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>40138</td><td>137</td><td>0x89</td><td>LIGHT_BOOLEAN1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
</table>

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40882</td><td>881</td><td>0x371</td><td>LIGHT_BOOLEAN1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40884</td><td>883</td><td>0x373</td><td>LIGHT_BOOLEAN1_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>40886</td><td>885</td><td>0x375</td><td>LIGHT_BOOLEAN1_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40888</td><td>887</td><td>0x377</td><td>LIGHT_BOOLEAN1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40889</td><td>888</td><td>0x378</td><td>LIGHT_BOOLEAN1_CONFIGURATION</td><td>Read/ write, memory</td><td><table><tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr><tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr><tr><td>1</td><td>EDITABLE</td><td>Not editable</td><td>Editable (default)</td></tr></table></td></tr>
<tr><td>40139</td><td>138</td><td>0x8A</td><td>LIGHT_BOOLEAN2_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40892</td><td>891</td><td>0x37B</td><td>LIGHT_BOOLEAN2_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40894</td><td>893</td><td>0x37D</td><td>LIGHT_BOOLEAN2_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>40896</td><td>895</td><td>0x37F</td><td>LIGHT_BOOLEAN2_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>40898</td><td>897</td><td>0x381</td><td>LIGHT_BOOLEAN2_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>40899</td><td>898</td><td>0x382</td><td>LIGHT_BOOLEAN2_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)</td></tr>
<tr><td>40140</td><td>139</td><td>0x8B</td><td>LIGHT_BOOLEAN3_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description
40902	901	0x385	LIGHT_BOOLEAN3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40904	903	0x387	LIGHT_BOOLEAN3_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40906	905	0x389	LIGHT_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40908	907	0x38B	LIGHT_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40909	908	0x38C	LIGHT_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)
40141	140	0x8C	LIGHT_BOOLEAN4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40912	911	0x38F	LIGHT_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40914	913	0x391	LIGHT_BOOLEAN4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40916	915	0x393	LIGHT_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40918	917	0x395	LIGHT_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40919	918	0x396	LIGHT_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)
40142	141	0x8D	LIGHT_BOOLEAN5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40922	921	0x399	LIGHT_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

Modbus address	Decimal address	Hex address	Register name	Access	Description
40924	923	0x39B	LIGHT_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40926	925	0x39D	LIGHT_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40928	927	0x39F	LIGHT_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40929	928	0x3A0	LIGHT_BOOLEAN5_CONFIGURATION	Re Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)
40143	142	0x8E	LIGHT_BOOLEAN6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40932	931	0x3A3	LIGHT_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40934	933	0x3A5	LIGHT_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40936	935	0x3A7	LIGHT_BOOLEAN6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40938	937	0x3A9	LIGHT_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40939	938	0x3AA	LIGHT_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)
40144	143	0x8F	LIGHT_BOOLEAN7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40942	941	0x3AD	LIGHT_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40944	943	0x3AF	LIGHT_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value

Modbus address	Decimal address	Hex address	Register name	Access	Description
40946	945	0x3B1	LIGHT_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40948	947	0x3B3	LIGHT_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40949	948	0x3B4	LIGHT_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)
40145	144	0x90	LIGHT_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40952	951	0x3B7	LIGHT_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40954	953	0x3B9	LIGHT_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
40956	955	0x3BB	LIGHT_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
40958	957	0x3BD	LIGHT_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
40959	958	0x3BE	LIGHT_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in LIGHT_BOOLEAN1_CONFIGURATION (40889)

13.1.7 Blind Submenu Registers

Warning!

Please note that the following table contains registers for all series of the Control Point panels.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40960	959	0x3BF	BLIND_MENU_ACTIVE_POINTS	Read/ write, memory	Number of active parameters in the submenu

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>40083</td><td>82</td><td>0x52</td><td>BLIND_NUMERIC1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>40963</td><td>962</td><td>0x3C2</td><td>BLIND_NUMERIC1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>40965</td><td>964</td><td>0x3C4</td><td>BLIND_NUMERIC1_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>40966</td><td>965</td><td>0x3C5</td><td>BLIND_NUMERIC1_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>40967</td><td>966</td><td>0x3C6</td><td>BLIND_NUMERIC1_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>40968</td><td>967</td><td>0x3C7</td><td>BLIND_NUMERIC1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>40969</td><td>968</td><td>0x3C8</td><td>BLIND_NUMERIC1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>Active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>2</td><td>First point active</td><td>No decimal place (default)</td><td>One decimal place active</td></tr>
<tr><td>3</td><td>Second point active</td><td>No decimal place (default)</td><td>Two decimal places active</td></tr>
<tr><td>4</td><td>Third point active</td><td>No decimal place (default)</td><td>Three decimal places active</td></tr>
<tr><td>6</td><td>C unit active</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>F unit active</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description			
					8	Pa unit active	Not active (default)	Active
					9	Lx unit active	Not active (default)	Active
					10	ppm unit active	Not active (default)	Active
					11	m^3/h unit active	Not active (default)	Active
					12	%Rh unit active	Not active (default)	Active
					13	l/s unit active	Not active (default)	Active
					14	% unit active	Not active (default)	Active
					15	h unit active	Not active (default)	Active
40084	83	0x53	BLIND_NUMERIC2_ PRESENT_VALUE	Read/ write, memory	Current value of the parameter			
40972	971	0x3CB	BLIND_NUMERIC2_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter			
40974	973	0x3CD	BLIND_NUMERIC2_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.			
40975	974	0x3CE	BLIND_NUMERIC2_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.			
40976	975	0x3CF	BLIND_NUMERIC2_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.			

Modbus address	Decimal address	Hex address	Register name	Access	Description
40977	976	0x3D0	BLIND_NUMERIC2_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40978	977	0x3D1	BLIND_NUMERIC2_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40085	84	0x54	BLIND_NUMERIC3_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40981	980	0x3D4	BLIND_NUMERIC3_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40983	982	0x3D6	BLIND_NUMERIC3_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40984	983	0x3D7	BLIND_NUMERIC3_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
40985	984	0x3D8	BLIND_NUMERIC3_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40986	985	0x3D9	BLIND_NUMERIC3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40987	986	0x3DA	BLIND_NUMERIC3_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40086	85	0x55	BLIND_NUMERIC4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40990	989	0x3DD	BLIND_NUMERIC4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
40992	991	0x3DF	BLIND_NUMERIC4_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
40993	992	0x3E0	BLIND_NUMERIC4_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.

Modbus address	Decimal address	Hex address	Register name	Access	Description
40994	993	0x3E1	BLIND_NUMERIC4_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
40995	994	0x3E2	BLIND_NUMERIC4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
40996	995	0x3E3	BLIND_NUMERIC4_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40087	86	0x56	BLIND_NUMERIC5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
40999	998	0x3E6	BLIND_NUMERIC5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41001	1000	0x3E8	BLIND_NUMERIC5_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41002	1001	0x3E9	BLIND_NUMERIC5_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41003	1002	0x3EA	BLIND_NUMERIC5_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41004	1003	0x3EB	BLIND_NUMERIC5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41005	1004	0x3EC	BLIND_NUMERIC5_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40088	87	0x57	BLIND_NUMERIC6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41008	1007	0x3EF	BLIND_NUMERIC6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41010	1009	0x3F1	BLIND_NUMERIC6_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.

Modbus address	Decimal address	Hex address	Register name	Access	Description
41011	1010	0x3F2	BLIND_NUMERIC6_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41012	1011	0x3F3	BLIND_NUMERIC6_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41013	1012	0x3F4	BLIND_NUMERIC6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41014	1013	0x3F5	BLIND_NUMERIC6_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40089	88	0x58	BLIND_NUMERIC7_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41017	1016	0x3F8	BLIND_NUMERIC7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41019	1018	0x3FA	BLIND_NUMERIC7_STEP	Read/ write, memory	Step of the parameter value change. Default: 0.
41020	1019	0x3FB	BLIND_NUMERIC7_LOW_LIMIT	Read/ write, memory	Minimum value of the parameter. Default: 0.
41021	1020	0x3FC	BLIND_NUMERIC7_HIGH_LIMIT	Read/ write, memory	Maximum value of the parameter. Default: 0.
41022	1021	0x3FD	BLIND_NUMERIC7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the submenu
41023	1022	0x3FE	BLIND_NUMERIC7_CONFIGURATION	Read/ write, memory	See the table in BLIND_NUMERIC1_CONFIGURATION (40969)
40090	89	0x59	BLIND_NUMERIC8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41026	1025	0x401	BLIND_NUMERIC8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>41028</td><td>1027</td><td>0x403</td><td>BLIND_NUMERIC8_STEP</td><td>Read/ write, memory</td><td>Step of the parameter value change. Default: 0.</td></tr>
<tr><td>41029</td><td>1028</td><td>0x404</td><td>BLIND_NUMERIC8_LOW_LIMIT</td><td>Read/ write, memory</td><td>Minimum value of the parameter. Default: 0.</td></tr>
<tr><td>41030</td><td>1029</td><td>0x405</td><td>BLIND_NUMERIC8_HIGH_LIMIT</td><td>Read/ write, memory</td><td>Maximum value of the parameter. Default: 0.</td></tr>
<tr><td>41031</td><td>1030</td><td>0x406</td><td>BLIND_NUMERIC8_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the submenu</td></tr>
<tr><td>41032</td><td>1031</td><td>0x407</td><td>BLIND_NUMERIC8_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in BLIND_NUMERIC1_CONFIGURATION (40969)</td></tr>
<tr><td>40111</td><td>110</td><td>0x6E</td><td>BLIND_BOOLEAN_ALL_PRESENT_VALUE</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>BOOLEAN1_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>BOOLEAN2_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>...</td><td>...</td><td>...</td><td>...</td></tr>
<tr><td>6</td><td>BOOLEAN7_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>7</td><td>BOOLEAN8_PRESENT_VALUE</td><td>Not active (default)</td><td>Active</td></tr>
</table>
</td></tr>
<tr><td>40146</td><td>145</td><td>0x91</td><td>BLIND_BOOLEAN1_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>41035</td><td>1034</td><td>0x40A</td><td>BLIND_BOOLEAN1_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>41037</td><td>1036</td><td>0x40C</td><td>BLIND_BOOLEAN1_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
</table>

<table>
<tr><th>Modbus address</th><th>Decimal address</th><th>Hex address</th><th>Register name</th><th>Access</th><th>Description</th></tr>
<tr><td>41039</td><td>1038</td><td>0x40E</td><td>BLIND_BOOLEAN1_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>41041</td><td>1040</td><td>0x410</td><td>BLIND_BOOLEAN1_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>41042</td><td>1041</td><td>0x411</td><td>BLIND_BOOLEAN1_CONFIGURATION</td><td>Read/ write, memory</td><td>
<table>
<tr><th>Bit</th><th>Parameter</th><th>0</th><th>1</th></tr>
<tr><td>0</td><td>ACTIVE</td><td>Not active (default)</td><td>Active</td></tr>
<tr><td>1</td><td>EDITABLE</td><td>Not editable</td><td>Editable (default)</td></tr>
</table>
</td></tr>
<tr><td>40147</td><td>146</td><td>0x92</td><td>BLIND_BOOLEAN2_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>41045</td><td>1044</td><td>0x414</td><td>BLIND_BOOLEAN2_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>41047</td><td>1046</td><td>0x416</td><td>BLIND_BOOLEAN2_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
<tr><td>41049</td><td>1048</td><td>0x418</td><td>BLIND_BOOLEAN2_FALSE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's false value</td></tr>
<tr><td>41051</td><td>1050</td><td>0x41A</td><td>BLIND_BOOLEAN2_PRIORITY</td><td>Read/ write, memory</td><td>Priority of the parameter for sequence of display in the main menu</td></tr>
<tr><td>41052</td><td>1051</td><td>0x41B</td><td>BLIND_BOOLEAN2_CONFIGURATION</td><td>Read/ write, memory</td><td>See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)</td></tr>
<tr><td>40148</td><td>147</td><td>0x93</td><td>BLIND_BOOLEAN3_PRESENT_VALUE</td><td>Read/ write, memory</td><td>Current value of the parameter</td></tr>
<tr><td>41055</td><td>1054</td><td>0x41E</td><td>BLIND_BOOLEAN3_NAME (32-bit)</td><td>Read/ write, memory</td><td>User-defined name of the parameter</td></tr>
<tr><td>41057</td><td>1056</td><td>0x420</td><td>BLIND_BOOLEAN3_TRUE_TEXT (32-bit)</td><td>Read/ write, memory</td><td>Text for the parameter's true value</td></tr>
</table>

Modbus address	Decimal address	Hex address	Register name	Access	Description
41059	1058	0x422	BLIND_BOOLEAN3_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41061	1060	0x424	BLIND_BOOLEAN3_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41062	1061	0x425	BLIND_BOOLEAN3_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)
40149	148	0x94	BLIND_BOOLEAN4_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41065	1064	0x428	BLIND_BOOLEAN4_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41067	1066	0x42A	BLIND_BOOLEAN4_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41069	1068	0x42C	BLIND_BOOLEAN4_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41071	1070	0x42E	BLIND_BOOLEAN4_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41072	1071	0x42F	BLIND_BOOLEAN4_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)
40150	149	0x95	BLIND_BOOLEAN5_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41075	1074	0x432	BLIND_BOOLEAN5_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41077	1076	0x434	BLIND_BOOLEAN5_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41079	1078	0x436	BLIND_BOOLEAN5_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value

Modbus address	Decimal address	Hex address	Register name	Access	Description
41081	1080	0x438	BLIND_BOOLEAN5_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41082	1081	0x439	BLIND_BOOLEAN5_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)
40151	150	0x96	BLIND_BOOLEAN6_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41085	1084	0x43E	BLIND_BOOLEAN6_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41087	1086	0x440	BLIND_BOOLEAN6_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41089	1088	0x442	BLIND_BOOLEAN6_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41091	1090	0x444	BLIND_BOOLEAN6_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41092	1091	0x445	BLIND_BOOLEAN6_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)
40152	151	0x97	BLIND_BOOLEAN7_ PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41095	1094	0x446	BLIND_BOOLEAN7_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41097	1096	0x448	BLIND_BOOLEAN7_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41099	1098	0x44A	BLIND_BOOLEAN7_FALSE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's false value
41101	1100	0x44C	BLIND_BOOLEAN7_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu

Modbus address	Decimal address	Hex address	Register name	Access	Description
41102	1101	0x44D	BLIND_BOOLEAN7_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)
40153	152	0x98	BLIND_BOOLEAN8_PRESENT_VALUE	Read/ write, memory	Current value of the parameter
41105	1104	0x450	BLIND_BOOLEAN8_NAME (32-bit)	Read/ write, memory	User-defined name of the parameter
41107	1106	0x452	BLIND_BOOLEAN8_TRUE_TEXT (32-bit)	Read/ write, memory	Text for the parameter's true value
41109	1108	0x454	BLIND_BOOLEAN8_FALSE_TEXT (32-bit)	Read/ write , memory	Text for the parameter's false value
41111	1110	0x456	BLIND_BOOLEAN8_PRIORITY	Read/ write, memory	Priority of the parameter for sequence of display in the main menu
41112	1111	0x457	BLIND_BOOLEAN8_CONFIGURATION	Read/ write, memory	See the table in BLIND_BOOLEAN1_CONFIGURATION (41042)

14 List of BACnet Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.
The Control Point VAV series by default has no fan control and objects referring to fan control are inapplicable. If the fan control is activated on the Control Point VAV series panel, the objects become applicable too.

BACnet ID	Object property	Object name	Access	Description
Device	3030	VERSION_TYPE	Read/write	Version and type of device. Additionally, allows to enable 1 of 4 device operations (reset panel, reload settings, reset settings, enter bootloader).
Device	5101	RECEIVED_FRAMES	Read-only	Number of received frames. Resets at the unit start and change of transmission parameters.
Device	5103	ERROR_FRAMES	Read-only	Number of error frames. Resets at the unit start and change of transmission parameters.
Device	5104	TRANSMITTED_FRAMES	Read-only	Number of transmitted frames. Resets at the unit start and change of transmission parameters.
AI	0	LIVE_TIME	Read-only	Device uptime in seconds
Device	3201	BACNET_DEVICE_ID	Read/write, memory	Default: 0xFFFFFFFF
Device	3084	BAUD_RATE	Read/write, memory	Default: 11520 (115200 bps)
AO0	Present value	PANEL_PASSWORD	Read/write, memory	Password for the panel settings. Default: 1000.
MI1	Present value	SENSORS	Read-only	Sensors built-in in the panel: Value: 0 — Sensor: Temperature sensor Value: 1 — Sensor: CO_2 sensor

BACnet ID	Object property	Object name	Access	Description	
				2	Humidity sensor
AI1	Present value	BACKGROUND_LCD_CURRENT_VALUE	Read-only	Current display illumination value	
AI 2	Present value	BACKGROUND_KEY_PAD_CURRENT_VALUE	Read-only	Current keypad illumination value	
AO 1	Present value	HOURS	Read/write	Hours part of time display	
AO 2	Present value	MINUTES	Read/write	Minutes part of time display	
BO 0	Present value	BUZZER	Read/write, memory	State	Value
				False	Not active
				True	Active (default)
BO 1	Present value	TIME_FORMAT	Read/write, memory	State	Value
				False	24 h (default)
				True	12 h
BO 2	Present value	DEFAULT_TEMPERATURE_UNIT	Read/write, memory	State	Value
				False	Celsius (default)
				True	Fahrenheit
BO 3	Present value	BACKGROUND_ILLUMINATION_LCD_ACTIVE	Read/write, memory	State	Value
				False	Not active
				True	Active
BO 4	Present value	BACKGROUND_ILLUMINATION_KEY_PAD_ACTIVE	Read/write, memory	State	Value
				False	Not active
				True	Active
BO 5	Present value	CO2_IN_ALARM_FLASHING_LCD	Read/write, memory	State	Value

BACnet ID	Object property	Object name	Access	Description	
				False	Not active
				True	Active
BO 6	Present value	CO2_IN_ALARM_BUZZER	Read/write, memory	State	Value
				False	Not active
				True	Active
BO 7	Present value	CO2_IN_ALARM_SHOW_HIGH	Read/write, memory	State	Value
				False	Not active
				True	Active
BO63	Present value	CO2_ALARM_CONFIRM_ENABLE	Read/write, memory	State	Value
				False	Not active
				True	Active
BO 8	Present value	SUBMENU_ICON_DISPLAY_OFF	Read/write, memory	State	Value
				False	Not active
				True	Active
BO 9	Present value	PANEL_OFF	Read/write, memory	State	Value
				False	Panel on (default)
				True	Panel off
BO 10	Present value	KEY_PAD_OFF	Read/write, memory	State	Value
				False	Keypad on (default)
				True	Keypad off
BO 11	Present value	LCD_FLASHING	Read/write, memory	State	Value

BACnet ID	Object property	Object name	Access	Description	
				False	Not active (default)
				True	Active
BO 12	Present value	KEY_PAD_FLASHING	Read/write, memory	State	Value
				False	Not active (default)
				True	Active
AO 3	Present value	BACKGROUND_LCD_FOR_ACTIVE_MODE	Read/write, memory	Default: 60%	
AO 4	Present value	BACKGROUND_LCD_FOR_IDLE_MODE	Read/write, memory	Default: 40%	
AO 5	Present value	BACKGROUND_LCD_FOR_STANDBY_MODE	Read/write, memory	Default: 0%	
AO 6	Present value	BACKGROUND_LCD_TIME_TO_IDLE	Read/write, memory	Default: 10 s	
AO 7	Present value	BACKGROUND_LCD_TIME_TO_STANDBY	Read/write, memory	Default: 5 s	
AO 8	Present value	BACKGROUND_KEY_PAD_ACTIVE_MODE	Read/write, memory	Default: 10%	
AO 9	Present value	BACKGROUND_KEY_PAD__IDLE_MODE	Read/write, memory	Default: 40%	
AO 10	Present value	BACKGROUND_KEY_PAD_STANDBY_MODE	Read/write, memory	Default: 60%	
AO 11	Present value	BACKGROUND_KEY_PAD_TIME_TO_IDLE	Read/write, memory	Default: 10 s	
AO 12	Present value	BACKGROUND_KEY_PAD_TIME_TO_STANDBY	Read/write, memory	Default: 5 s	
AO 13	Present value	REFRESH_TIME	Read/write, memory	Default: 2 s	
BO 13	Present value	TIME_CONFIGURATION	Read/write, memory	State	Value
				False	Clock displayed (default)

BACnet ID	Object property	Object name	Access	Description	
				True	Clock not displayed
BO 14	Present value	LCD_ICON_DISPLAY	Read/write, memory	SUN	
BO 15				MOON	
BO 16				HEATING	
BO 17				COOLING	
BO 18				HUMIDIFIER	
BO 19				DEHUMIDIFIER	
BO 20				WIRELESS	
BO 21				SETTINGS	
BO 22				ECO	
BO 23				RECIRCULATION	
BO 24				PC	
BO25-BO35	Present value	LCD_ICON_FLASHING	Read/write, memory	Blinking of icons (BO25-BO35 assigned analogically as in the LCD_ICON_DISPLAY object)	
AO 14	Present value	LCD_ICON_FLASHING_TIME	Read/write, memory	Icons blinking frequency. Default: 500 ms.	

BACnet ID	Object property	Object name	Access	Description
AO 15	Present value	SUBMENU_ICON_FLASHING_TIME	Read/write, memory	Submenu icons flashing time. Default: 1000 ms.
AO 16	Present value	ENTER_MENU_TIME	Read/write, memory	Default: 2 s
AO 17	Present value	EXIT_EDIT_TIME	Read/write, memory	Default: 5 s
AO 18	Present value	EXIT_MENU_TIME	Read/write, memory	Default: 10 s
AO 19	Present value	CO2_SETPOINT_FOR_ALARM	Read/write, memory	CO_2 alarm setpoint. Default: 1500 ppm.
AO 20	Present value	CO2_HYSTERESIS_FOR_ALARM	Read/write, memory	CO_2 alarm hysteresis. Default: 100 ppm.
AI 4	Present value	TEMPERATURE_SENSOR	Read-only	Current temperature sensor value with offset.
AI 5	Present value	HUMIDITY_SENSOR	Read-only	Current humidity sensor value with offset.
AI 6	Present value	CO2_SENSOR	Read-only	Current CO_2 sensor value with offset.
AI 4	4205	TEMPERATURE_SENSOR_OFFSET	Read/write, memory	Temperature sensor offset. Default: 0.
AI 5	4205	HUMIDITY_SENSOR_OFFSET	Read/write, memory	Humidity sensor offset. Default: 0.
AI 6	4205	CO2_SENSOR_OFFSET	Read/write, memory	CO_2 sensor offset. Default: 0.
AI 4	4003	TEMPERATURE_FILTER	Read/write, memory	Default: 10 s
AI 5	4003	HUMIDITY_FILTER	Read/write, memory	Default: 10 s
AI 6	4003	CO2_FILTER	Read/write, memory	Default: 10 s
AI 4	Description	TEMPERATURE_NAME	Read/write, memory	Displayed temperature sensor name. Default: TEMP
AI 5	Description	HUMIDITY_NAME	Read/write, memory	Displayed humidity sensor name. Default: HUMI
AI 6	Description	CO2_NAME	Read/write, memory	Displayed CO_2 sensor name. Default: CO2

BACnet ID	Object property	Object name	Access	Description	
AI 4	4200	TEMPERATURE_CONFIGURATION_ACTIVE	Read/write, memory	State	Value
				False	Not active
				True	Active (default)
AI 4	4202	TEMPERATURE_CONFIGURATION_THIRD_POINT_ACTIVE	Read/write, memory	State	Value
				False	No decimal places
				True	Decimal (default)
AI 5	4200	HUMIDITY_CONFIGURATION_ACTIVE	Read/write, memory	State	Value
				False	Not active
				True	Active (default)
AI 5	4202	HUMIDITY_CONFIGURATION_THIRD_POINT_ACTIVE	Read/write, memory	State	Value
				False	No decimal places
				True	Decimal (default)
AI 6	4200	CO2_CONFIGURATION_ACTIVE	Read/write, memory	State	Value
				False	Not active
				True	Active (default)
AV 56	Present value	SETPOINT	Read/write, memory	Actual setpoint value. After reset, the DEFAULT_SETPOINT is set as a setpoint value.	
AI 3	Present value	EFFECTIVE_SETPOINT	Read-only	Sum of the temperature actual setpoint value and offset.	
AC 57	Present value	DEFAULT_SETPOINT	Read/write, memory	Default: 21°C	

BACnet ID	Object property	Object name	Access	Description	
AV 58	1503	OFFSET_SETPOINT	Read/write, memory	Default: 0°C	
AV 56	Low limit	SETPOINT_LOW_LIMIT	Read/write, memory	Min. available setpoint value. Default: 18°C.	
AV 56	High limit	SETPOINT_HIGH_LIMIT	Read/write, memory	Max. available setpoint value. Default: 24°C.	
AV 59	Present value	OFFSET_RANGE	Read/write, memory	Offset value limit. Default: 3°C.	
AV 56	Default step increment	SETPOINT_STEP	Read/write, memory	Setpoint step value. Default: 1°C.	
AV 56	Description	OFFSET_NAME	Read/write, memory	Displayed offset name. Default: OFFS.	
AV 58	Description	SETPOINT_NAME	Read/write, memory	Displayed setpoint name. Default: SETP.	
AV 56	Out of service	SETPOINT_VISIBILITY	Read/write, memory	State	Value
				False	Not displayed
				True	Displayed (default)
AV56	Editable / 4200	SETPOINT_EDITION	Read/write, memory	State	Value
				False	Not editable
				True	Editable (default)
BO 55	Present value	OPERATING_MODE	Read/write, memory	State	Value
				False	Changing offset
				True	Changing setpoint (default)
BO 56	Present value	SETPOINT_DISPLAY	Read/write, memory	State	Value
				False	Not active

BACnet ID	Object property	Object name	Access	Description		
				True		Active (default)
AV 56	4202	THIRD_POINT_ACTIVE	Read/write, memory	State		Value
				False		Not active (default)
				True		Active
BO 57	Present value	FAST_EDIT_MODE	Read/write, memory	State		Value
				False		Not active (default)
				True		Active
MSV 1	Present value	FAN_MODE	Read/write	Value	Fan mode	Icon
				1	Off	
				2	Manual, speed 1 (default)	
				3	Manual, speed 2	
				4	Manual, speed 3	
				5	Auto	
MSV 0	Present value	FAN_CURRENT_SPEED	Read/write	Value		Fan speed

BACnet ID	Object property	Object name	Access	Description	
				1	Off (default)
				2	Manual, speed 1
				3	Manual, speed 2
				4	Manual, speed 3
				5	Auto, speed 1
				6	Auto, speed 2
				7	Auto, speed 3
MSV 2	1602	FAN_TYPE	Read/write, memory	Value	Fan type
				1	Analog, 0-10 V DC
				2	1-speed fan
				3	2-speed fan
				4	3-speed fan
MSV 1	State 0	FAN_MODE_0_NAME	Read/write, memory	Displayed fan mode 0 name. Default: OFF	
MSV 1	State 4	FAN_MODE_1_NAME	Read/write, memory	Displayed fan mode 1 name. Default: AUTO	
MSV 1	State 1	FAN_MODE_2_NAME	Read/write, memory	Displayed fan mode 2 name. Default: _ _ _1	
MSV 1	State 2	FAN_MODE_3_NAME	Read/write, memory	Displayed fan mode 3 name. Default: _ _11	
MSV 1	State 3	FAN_MODE_4_NAME	Read/write, memory	Displayed fan mode 4 name. Default: _111	
MSV 1	Out of service	VISIBLE	Read/write, memory	State	Value

BACnet ID	Object property	Object name	Access	Description	
				False	Not displayed
				True	Displayed (default)
MSV 1	4200	EDITABLE	Read/write, memory	State	Value
				False	Not editable
				True	Editable (default)
BO 59	Present value	PART_EDITABLE	Read/write, memory	State	Value
				False	Fully editable (default)
				True	Auto_Off_Mode
BO 60	Present value	FAST_EDIT_MODE	Read/write, memory	State	Value
				False	Not active (default)
				True	Active
AO 21	Present value	FAN_ICON_FLASHING_TIME	Read/write, memory	Time base for calculating the frequency of the fan icon rotation. Default: 500 ms.	
MV 4	Present value	OCCUPANCY_MODE	Read/write, memory	Value	Occupancy mode
				1	Unoccupied
				2	Occupied
MV 4	Present value	CURRENT_OCCUPIED_STATUS	Read/write	Value	Occupancy status
				0	Unoccupied

BACnet ID	Object property	Object name	Access	Description	
				1	Occupied
				2	Standby
				3	Forced occupied
MV 4	State 0	OCCUPANCY_MODE_0_NAME	Read/write, memory	Displayed unoccupied mode name. Default: UNOC	
MV 4	State 1	OCCUPANCY_MODE_1_NAME	Read/write, memory	Displayed occupied mode name. Default: OCC	
MV 4	Out of service	VISIBILITY	Read/write, memory	State	Value
				False	Not displayed
				True	Displayed (default)
MV 4	4200	EDITION	Read/write, memory	State	Value
				False	Not editable
				True	Editable (default)
BO 61	Present value	FAST_EDIT_MODE	Read/write, memory	State	Value
				False	Not active (default)
				True	Active
BO 62	Present value	OCCUPIED_CONFIG_LOCAL_MODE	Read/write, memory	State	Value
				False	Local mode
				True	BMS mode

14.1 List of User-defined Parameters BACnet Objects

The following sections list BACnet objects of user-defined parameters available for the Control Point panels.

14.1.1 Main Menu User-defined Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV0	Present value	MAIN_MENU_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV0	Description	MAIN_MENU_NUMERIC1:Description	Read/write, memory	User-defined name of the parameter
AV0	Priority	MAIN_MENU_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV0	Out of service	MAIN_MENU_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV0	4202	MAIN_MENU_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV0	Units	MAIN_MENU_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV1	Present value	MAIN_MENU_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV1	Description	MAIN_MENU_NUMERIC2:Description	Read/write, memory	User-defined name of the parameter
AV1	Priority	MAIN_MENU_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV1	Out of service	MAIN_MENU_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV1	4202	MAIN_MENU_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV1	Units	MAIN_MENU_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV2	Description	MAIN_MENU_NUMERIC3:Description	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV2	Priority	MAIN_MENU_NUMERIC3:Priority	Read/write, memory	User-defined name of the parameter
AV2	Out of service	MAIN_MENU_NUMERIC3:Visibility	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV2	4202	MAIN_MENU_NUMERIC3:Decimal Places	Read/write, memory	Activating display of the parameter in the main menu
AV2	Units	MAIN_MENU_NUMERIC3:Units	Read/write, memory	Number of displayed decimal places from 0 to 3
AV3	Present value	MAIN_MENU_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV3	Description	MAIN_MENU_NUMERIC4:Description	Read/write, memory	User-defined name of the parameter
AV3	Priority	MAIN_MENU_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV3	Out of service	MAIN_MENU_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV3	4202	MAIN_MENU_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV3	Units	MAIN_MENU_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV4	Present value	MAIN_MENU_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter
AV4	Description	MAIN_MENU_NUMERIC5:Description	Read/write, memory	User-defined name of the parameter
AV4	Priority	MAIN_MENU_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV4	Out of service	MAIN_MENU_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV4	4202	MAIN_MENU_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV4	Units	MAIN_MENU_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV5	Present value	MAIN_MENU_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV5	Description	MAIN_MENU_NUMERIC6:Description	Read/write, memory	User-defined name of the parameter
AV5	Priority	MAIN_MENU_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV5	Out of service	MAIN_MENU_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV5	4202	MAIN_MENU_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV5	Units	MAIN_MENU_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV6	Description	MAIN_MENU_NUMERIC7:Description	Read/write, memory	Current value of the parameter
AV6	Priority	MAIN_MENU_NUMERIC7:Priority	Read/write, memory	User-defined name of the parameter
AV6	Out of service	MAIN_MENU_NUMERIC7:Visibility	Read/write, memory	Priority of the parameter for sequence of display in the main menu
AV6	4202	MAIN_MENU_NUMERIC7:Decimal Places	Read/write, memory	Activating display of the parameter in the main menu
AV6	Units	MAIN_MENU_NUMERIC7:Units	Read/write, memory	Number of displayed decimal places from 0 to 3
AV7	Present value	MAIN_MENU_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV7	Description	MAIN_MENU_NUMERIC8:Description	Read/write, memory	User-defined name of the parameter
AV7	Priority	MAIN_MENU_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu

BACnet ID	Object property	Object name	Access	Description
AV7	Out of service	MAIN_MENU_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the main menu
AV7	4202	MAIN_MENU_NUMERIC8:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV7	Units	MAIN_MENU_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV0	Present value	MAIN_MENU_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV0	Description	MAIN_MENU_BOOLEAN1:Description	Read/write, memory	User-defined name of the parameter
BV0	4203	MAIN_MENU_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV0	4204	MAIN_MENU_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV0	4201	MAIN_MENU_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV0	Out of service	MAIN_MENU_BOOLEAN1:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV1	Present value	MAIN_MENU_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV1	Description	MAIN_MENU_BOOLEAN2:Description	Read/write, memory	User-defined name of the parameter
BV1	4203	MAIN_MENU_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV1	4204	MAIN_MENU_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value
BV1	4201	MAIN_MENU_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV1	Out of service	MAIN_MENU_BOOLEAN2:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV2	Present value	MAIN_MENU_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
BV2	Description	MAIN_MENU_BOOLEAN3:Description	Read/write, memory	User-defined name of the parameter
BV2	4203	MAIN_MENU_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value
BV2	4204	MAIN_MENU_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV2	4201	MAIN_MENU_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV2	Out of service	MAIN_MENU_BOOLEAN3:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV3	Present value	MAIN_MENU_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV3	Description	MAIN_MENU_BOOLEAN4:Description	Read/write, memory	User-defined name of the parameter
BV3	4203	MAIN_MENU_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV3	4204	MAIN_MENU_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV3	4201	MAIN_MENU_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV3	Out of service	MAIN_MENU_BOOLEAN4:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV4	Present value	MAIN_MENU_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV4	Description	MAIN_MENU_BOOLEAN5:Description	Read/write, memory	User-defined name of the parameter
BV4	4203	MAIN_MENU_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV4	4204	MAIN_MENU_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV4	4201	MAIN_MENU_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu

BACnet ID	Object property	Object name	Access	Description
BV4	Out of service	MAIN_MENU_BOOLEAN5:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV5	Present value	MAIN_MENU_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV5	Description	MAIN_MENU_BOOLEAN6:Description	Read/write, memory	User-defined name of the parameter
BV5	4203	MAIN_MENU_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV5	4204	MAIN_MENU_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value
BV5	4201	MAIN_MENU_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV5	Out of service	MAIN_MENU_BOOLEAN6:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV6	Present value	MAIN_MENU_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter
BV6	Description	MAIN_MENU_BOOLEAN7:Description	Read/write, memory	User-defined name of the parameter
BV6	4203	MAIN_MENU_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV6	4204	MAIN_MENU_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value
BV6	4201	MAIN_MENU_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV6	Out of service	MAIN_MENU_BOOLEAN7:Visibility	Read/write, memory	Activating display of the parameter in the main menu
BV7	Present value	MAIN_MENU_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV7	Description	MAIN_MENU_BOOLEAN8:Description	Read/write, memory	User-defined name of the parameter
BV7	4203	MAIN_MENU_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value

BACnet ID	Object property	Object name	Access	Description
BV7	4204	MAIN_MENU_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV7	4201	MAIN_MENU_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the main menu
BV7	Out of service	MAIN_MENU_BOOLEAN8:Visibility	Read/write, memory	Activating display of the parameter in the main menu

14.1.2 Temperature Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV8	Present value	TEMPERATURE_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV8	Description	TEMPERATURE_NUMERIC1:Description	Read/write, memory	User-defined name of the parameter
AV8	4206	TEMPERATURE_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV8	Low limit	TEMPERATURE_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV8	High limit	TEMPERATURE_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV8	4201	TEMPERATURE_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV8	Out of service	TEMPERATURE_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV8	4200	TEMPERATURE_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV8	4202	TEMPERATURE_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV8	Units	TEMPERATURE_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV9	Present value	TEMPERATURE_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV9	Description	TEMPERATURE_NUMERIC2:Description	Read/write, memory	User-defined name of the parameter
AV9	4206	TEMPERATURE_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV9	Low limit	TEMPERATURE_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV9	High limit	TEMPERATURE_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV9	4201	TEMPERATURE_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV9	Out of service	TEMPERATURE_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV9	4200	TEMPERATURE_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV9	4202	TEMPERATURE_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV9	Units	TEMPERATURE_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV10	Present value	TEMPERATURE_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV10	Description	TEMPERATURE_NUMERIC3:Description	Read/write, memory	User-defined name of the parameter
AV10	4206	TEMPERATURE_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV10	Low limit	TEMPERATURE_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV10	High limit	TEMPERATURE_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV10	4201	TEMPERATURE_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV10	Out of service	TEMPERATURE_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV10	4200	TEMPERATURE_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV10	4202	TEMPERATURE_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV10	Units	TEMPERATURE_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV11	Present value	TEMPERATURE_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV11	Description	TEMPERATURE_NUMERIC4:Description	Read/write, memory	User-defined name of the parameter
AV11	4206	TEMPERATURE_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV11	Low limit	TEMPERATURE_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV11	High limit	TEMPERATURE_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV11	4201	TEMPERATURE_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV11	Out of service	TEMPERATURE_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV11	4200	TEMPERATURE_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV11	4202	TEMPERATURE_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV11	Units	TEMPERATURE_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV12	Present value	TEMPERATURE_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV12	Description	TEMPERATURE_NUMERIC5:Description	Read/write, memory	User-defined name of the parameter
AV12	4206	TEMPERATURE_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV12	Low limit	TEMPERATURE_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV12	High limit	TEMPERATURE_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV12	4201	TEMPERATURE_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV12	Out of service	TEMPERATURE_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV12	4200	TEMPERATURE_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter
AV12	4202	TEMPERATURE_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV12	Units	TEMPERATURE_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV13	Present value	TEMPERATURE_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV13	Description	TEMPERATURE_NUMERIC6:Description	Read/write, memory	User-defined name of the parameter
AV13	4206	TEMPERATURE_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV13	Low limit	TEMPERATURE_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV13	High limit	TEMPERATURE_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV13	4201	TEMPERATURE_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV13	Out of service	TEMPERATURE_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV13	4200	TEMPERATURE_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
AV13	4202	TEMPERATURE_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV13	Units	TEMPERATURE_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV14	Present value	TEMPERATURE_NUMERIC7:Present Value	Read/write, memory	Current value of the parameter
AV14	Description	TEMPERATURE_NUMERIC7:Description	Read/write, memory	User-defined name of the parameter
AV14	4206	TEMPERATURE_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV14	Low limit	TEMPERATURE_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV14	High limit	TEMPERATURE_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV14	4201	TEMPERATURE_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV14	Out of service	TEMPERATURE_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV14	4200	TEMPERATURE_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter
AV14	4202	TEMPERATURE_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV14	Units	TEMPERATURE_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV15	Present value	TEMPERATURE_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV15	Description	TEMPERATURE_NUMERIC8:Description	Read/write, memory	User-defined name of the parameter
AV15	4206	TEMPERATURE_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV15	Low limit	TEMPERATURE_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV15	High limit	TEMPERATURE_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV15	4201	TEMPERATURE_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV15	Out of service	TEMPERATURE_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV15	4200	TEMPERATURE_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter
AV15	4202	TEMPERATURE_NUMERIC8:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV15	Units	TEMPERATURE_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV8	Present value	TEMPERATURE_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV8	Description	TEMPERATURE_BOOLEAN1:Description	Read/write, memory	User-defined name of the parameter
BV8	4203	TEMPERATURE_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV8	4204	TEMPERATURE_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV8	4201	TEMPERATURE_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV8	Out of service	TEMPERATURE_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV8	4200	TEMPERATURE_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter
BV9	Present value	TEMPERATURE_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV9	Description	TEMPERATURE_BOOLEAN2:Description	Read/write, memory	User-defined name of the parameter
BV9	4203	TEMPERATURE_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV9	4204	TEMPERATURE_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value

BACnet ID	Object property	Object name	Access	Description
BV9	4201	TEMPERATURE_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV9	Out of service	TEMPERATURE_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV9	4200	TEMPERATURE_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter
BV10	Present value	TEMPERATURE_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV10	Description	TEMPERATURE_BOOLEAN3:Description	Read/write, memory	User-defined name of the parameter
BV10	4203	TEMPERATURE_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value
BV10	4204	TEMPERATURE_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV10	4201	TEMPERATURE_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV10	Out of service	TEMPERATURE_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV10	4200	TEMPERATURE_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV11	Present value	TEMPERATURE_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV11	Description	TEMPERATURE_BOOLEAN4:Description	Read/write, memory	User-defined name of the parameter
BV11	4203	TEMPERATURE_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV11	4204	TEMPERATURE_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV11	4201	TEMPERATURE_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV11	Out of service	TEMPERATURE_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu

BACnet ID	Object property	Object name	Access	Description
BV11	4200	TEMPERATURE_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV 12	Present value	TEMPERATURE_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV12	Description	TEMPERATURE_BOOLEAN5:Description	Read/write, memory	User-defined name of the parameter
BV12	4203	TEMPERATURE_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV12	4204	TEMPERATURE_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV12	4201	TEMPERATURE_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV12	Out of service	TEMPERATURE_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV12	4200	TEMPERATURE_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV13	Present value	TEMPERATURE_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV13	Description	TEMPERATURE_BOOLEAN6:Description	Read/write, memory	User-defined name of the parameter
BV13	4203	TEMPERATURE_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV13	4204	TEMPERATURE_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value
BV13	4201	TEMPERATURE_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV13	Out of service	TEMPERATURE_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV13	4200	TEMPERATURE_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV14	Present value	TEMPERATURE_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
BV14	Description	TEMPERATURE_BOOLEAN7:Description	Read/write, memory	User-defined name of the parameter
BV14	4203	TEMPERATURE_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV14	4204	TEMPERATURE_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value
BV14	4201	TEMPERATURE_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV14	Out of service	TEMPERATURE_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV14	4200	TEMPERATURE_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter
BV15	Present value	TEMPERATURE_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV15	Description	TEMPERATURE_BOOLEAN8:Description	Read/write, memory	User-defined name of the parameter
BV 15	4203	TEMPERATURE_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value
BV15	4204	TEMPERATURE_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV15	4201	TEMPERATURE_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV15	Out of service	TEMPERATURE_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV15	4200	TEMPERATURE_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter

14.1.3 Fan Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

The Control Point VAV series by default has no fan control and objects referring to fan control are inapplicable. If the fan control is activated on the Control Point VAV series panel, the objects become applicable too.

BACnet ID	Object property	Object name	Access	Description
AV16	Present value	FAN_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV16	Description	FAN_NUMERIC1:Description	Read/write, memory	User-defined name of the parameter
AV16	4206	FAN_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV16	Low limit	FAN_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV16	High limit	FAN_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV16	4201	FAN_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV16	Out of service	FAN_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV16	4200	FAN_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV16	4202	FAN_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV16	Units	FAN_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV17	Present value	FAN_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV17	Description	FAN_NUMERIC2:Description	Read/write, memory	User-defined name of the parameter
AV17	4206	FAN_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV17	Low limit	FAN_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV17	High limit	FAN_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV17	4201	FAN_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV17	Out of service	FAN_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV17	4200	FAN_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV17	4202	FAN_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV17	Units	FAN_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV18	Present value	FAN_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV18	Description	FAN_NUMERIC3:Description	Read/write, memory	User-defined name of the parameter
AV18	4206	FAN_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV18	Low limit	FAN_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV18	High limit	FAN_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV18	4201	FAN_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV18	Out of service	FAN_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV18	4200	FAN_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV18	4202	FAN_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV18	Units	FAN_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV19	Present value	FAN_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV19	Description	FAN_NUMERIC4:Description	Read/write, memory	User-defined name of the parameter
AV19	4206	FAN_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV19	Low limit	FAN_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV19	High limit	FAN_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV19	4201	FAN_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV19	Out of service	FAN_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV19	4200	FAN_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV19	4202	FAN_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV19	Units	FAN_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV20	Present value	FAN_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter
AV20	Description	FAN_NUMERIC5:Description	Read/write, memory	User-defined name of the parameter
AV20	4206	FAN_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV20	Low limit	FAN_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV20	High limit	FAN_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV20	4201	FAN_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV20	Out of service	FAN_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV20	4200	FAN_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
AV20	4202	FAN_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV20	Units	FAN_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV21	Present value	FAN_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV21	Description	FAN_NUMERIC6:Description	Read/write, memory	User-defined name of the parameter
AV21	4206	FAN_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV21	Low limit	FAN_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV21	High limit	FAN_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV21	4201	FAN_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV21	Out of service	FAN_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV21	4200	FAN_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter
AV21	4202	FAN_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV21	Units	FAN_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV22	Present value	FANNUMERIC7:Present Value	Read/write, memory	Current value of the parameter
AV22	Description	FAN_NUMERIC7:Description	Read/write, memory	User-defined name of the parameter
AV22	4206	FAN_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV22	Low limit	FAN_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV22	High limit	FAN_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV22	4201	FAN_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV22	Out of service	FAN_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV22	4200	FAN_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter
AV22	4202	FAN_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV22	Units	FAN_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV23	Present value	FAN_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV23	Description	FAN_NUMERIC8:Description	Read/write, memory	User-defined name of the parameter
AV 23	4206	FAN_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV23	Low limit	FAN_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV23	High limit	FAN_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV23	4201	FAN_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV23	Out of service	FAN_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV23	4200	FAN_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter
AV23	4202	FAN_NUMERIC8:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV23	Units	FAN_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV16	Present value	FAN_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
BV16	Description	FAN_BOOLEAN1:Description	Read/write, memory	User-defined name of the parameter
BV16	4203	FAN_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV16	4204	FAN_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV16	4201	FAN_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV16	Out of service	FAN_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV16	4200	FAN_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter
BV17	Present value	FAN_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV17	Description	FAN_BOOLEAN2:Description	Read/write, memory	User-defined name of the parameter
BV17	4203	FAN_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV17	4204	FAN_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value
BV17	4201	FAN_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV17	Out of service	FAN_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV17	4200	FAN_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter
BV18	Present value	FAN_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV18	Description	FAN_BOOLEAN3:Description	Read/write, memory	User-defined name of the parameter
BV18	4203	FAN_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value

BACnet ID	Object property	Object name	Access	Description
BV18	4204	FAN_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV18	4201	FAN_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV18	Out of service	FAN_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV18	4200	FAN_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV19	Present value	FAN_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV19	Description	FAN_BOOLEAN4:Description	Read/write, memory	User-defined name of the parameter
BV19	4203	FAN_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV19	4204	FAN_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV19	4201	FAN_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV19	Out of service	FAN_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV19	4200	FAN_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV20	Present value	FAN_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV20	Description	FAN_BOOLEAN5:Description	Read/write, memory	User-defined name of the parameter
BV20	4203	FAN_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV20	4204	FAN_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV20	4201	FAN_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu

BACnet ID	Object property	Object name	Access	Description
BV20	Out of service	FAN_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV20	4200	FAN_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV21	Present value	FAN_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV21	Description	FAN_BOOLEAN6:Description	Read/write, memory	User-defined name of the parameter
BV21	4203	FAN_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV21	4204	FAN_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value
BV21	4201	FAN_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV21	Out of service	FAN_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV21	4200	FAN_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV22	Present value	FAN_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter
BV22	Description	FAN_BOOLEAN7:Description	Read/write, memory	User-defined name of the parameter
BV22	4203	FAN_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV22	4204	FAN_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value
BV22	4201	FAN_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV22	Out of service	FAN_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV22	4200	FAN_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
BV23	Present value	FAN_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV23	Description	FAN_BOOLEAN8:Description	Read/write, memory	User-defined name of the parameter
BV23	4203	FAN_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value
BV23	4204	FAN_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV23	4201	FAN_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV23	Out of service	FAN_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV23	4200	FAN_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter

14.1.4 Occupancy Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV48	Present value	SETTINGS_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV48	Description	SETTINGS_NUMERIC1:Name	Read/write, memory	User-defined name of the parameter
AV48	4206	SETTINGS_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV48	Low limit	SETTINGS_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV48	High limit	SETTINGS_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV48	4201	SETTINGS_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu

BACnet ID	Object property	Object name	Access	Description
AV48	Out of service	SETTINGS_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV48	4200	SETTINGS_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV48	4202	SETTINGS_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV48	Units	SETTINGS_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV49	Present value	SETTINGS_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV49	Description	SETTINGS_NUMERIC2:Name	Read/write, memory	User-defined name of the parameter
AV49	4206	SETTINGS_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV49	Low limit	SETTINGS_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV49	High limit	SETTINGS_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV49	4201	SETTINGS_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV49	Out of service	SETTINGS_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV49	4200	SETTINGS_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV49	4202	SETTINGS_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV49	Units	SETTINGS_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV50	Present value	SETTINGS_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV50	Description	SETTINGS_NUMERIC3:Name	Read/write, memory	User-defined name of the parameter
AV50	4206	SETTINGS_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV50	Low limit	SETTINGS_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV50	High limit	SETTINGS_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV50	4201	SETTINGS_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV50	Out of service	SETTINGS_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV50	4200	SETTINGS_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV50	4202	SETTINGS_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV50	Units	SETTINGS_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV51	Present value	SETTINGS_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV51	Description	SETTINGS_NUMERIC4:Name	Read/write, memory	User-defined name of the parameter
AV51	4206	SETTINGS_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV51	Low limit	SETTINGS_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV51	High limit	SETTINGS_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV51	4201	SETTINGS_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV51	Out of service	SETTINGS_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV51	4200	SETTINGS_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV51	4202	SETTINGS_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV51	Units	SETTINGS_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV52	Present value	SETTINGS_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter
AV52	Description	SETTINGS_NUMERIC5:Name	Read/write, memory	User-defined name of the parameter
AV52	4206	SETTINGS_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV52	Low limit	SETTINGS_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV52	High limit	SETTINGS_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV52	4201	SETTINGS_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV52	Out of service	SETTINGS_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV52	4200	SETTINGS_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter
AV52	4202	SETTINGS_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV52	Units	SETTINGS_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV53	Present value	SETTINGS_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV53	Description	SETTINGS_NUMERIC6:Name	Read/write, memory	User-defined name of the parameter
AV53	4206	SETTINGS_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV53	Low limit	SETTINGS_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV53	High limit	SETTINGS_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV53	4201	SETTINGS_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV53	Out of service	SETTINGS_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV53	4200	SETTINGS_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter
AV53	4202	SETTINGS_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV53	Units	SETTINGS_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV54	Present value	SETTINGSNUMERIC7:Present Value	Read/write, memory	Current value of the parameter
AV54	Description	SETTINGS_NUMERIC7:Name	Read/write, memory	User-defined name of the parameter
AV54	4206	SETTINGS_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV54	Low limit	SETTINGS_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV54	High limit	SETTINGS_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV54	4201	SETTINGS_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV54	Out of service	SETTINGS_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV54	4200	SETTINGS_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter
AV54	4202	SETTINGS_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV54	Units	SETTINGS_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV55	Present value	SETTINGS_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV55	Description	SETTINGS_NUMERIC8:Name	Read/write, memory	User-defined name of the parameter
AV55	4206	SETTINGS_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV55	Low limit	SETTINGS_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV55	High limit	SETTINGS_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV55	4201	SETTINGS_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV55	Out of service	SETTINGS_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV55	4200	SETTINGS_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter
AV55	4202	SETTINGS_NUMERIC8_POINT ACTIV	Read/write, memory	Number of displayed decimal places from 0 to 3
AV55	Units	SETTINGS_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV48	Present value	SETTINGS_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV48	Description	SETTINGS_BOOLEAN1:Name	Read/write, memory	User-defined name of the parameter
BV48	4203	SETTINGS_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV48	4204	SETTINGS_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV48	4201	SETTINGS_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV48	Out of service	SETTINGS_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV48	4200	SETTINGS_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
BV49	Present value	SETTINGS_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV49	Description	SETTINGS_BOOLEAN2:Name	Read/write, memory	User-defined name of the parameter
BV49	4203	SETTINGS_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV49	4204	SETTINGS_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value
BV49	4201	SETTINGS_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV49	Out of service	SETTINGS_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV49	4200	SETTINGS_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter
BV50	Present value	SETTINGS_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV50	Description	SETTINGS_BOOLEAN3:Name	Read/write, memory	User-defined name of the parameter
BV50	4203	SETTINGS_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value
BV50	4204	SETTINGS_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV50	4201	SETTINGS_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV50	Out of service	SETTINGS_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV50	4200	SETTINGS_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV51	Present value	SETTINGS_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV51	Description	SETTINGS_BOOLEAN4:Name	Read/write, memory	User-defined name of the parameter

BACnet ID	Object property	Object name	Access	Description
BV51	4203	SETTINGS_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV51	4204	SETTINGS_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV51	4201	SETTINGS_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV51	Out of service	SETTINGS_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV51	4200	SETTINGS_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV52	Present value	SETTINGS_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV52	Description	SETTINGS_BOOLEAN5:Name	Read/write, memory	User-defined name of the parameter
BV52	4203	SETTINGS_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV52	4204	SETTINGS_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV52	4201	SETTINGS_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV52	Out of service	SETTINGS_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV52	4200	SETTINGS_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV53	Present value	SETTINGS_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV53	Description	SETTINGS_BOOLEAN6:Name	Read/write, memory	User-defined name of the parameter
BV53	4203	SETTINGS_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV53	4204	SETTINGS_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value

BACnet ID	Object property	Object name	Access	Description
BV53	4201	SETTINGS_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV53	Out of service	SETTINGS_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV53	4200	SETTINGS_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV54	Present value	SETTINGS_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter
BV54	Description	SETTINGS_BOOLEAN7:Name	Read/write, memory	User-defined name of the parameter
BV54	4203	SETTINGS_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV54	4204	SETTINGS_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value
BV54	4201	SETTINGS_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV54	Out of service	SETTINGS_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV54	4200	SETTINGS_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter
BV55	Present value	SETTINGS_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV55	Description	SETTINGS_BOOLEAN8:Name	Read/write, memory	User-defined name of the parameter
BV55	4203	SETTINGS_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value
BV55	4204	SETTINGS_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV55	4201	SETTINGS_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV55	Out of service	SETTINGS_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu

BACnet ID	Object property	Object name	Access	Description
BV55	4200	SETTINGS_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter

14.1.5 Light Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV24	Present value	LIGHT_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV24	Description	LIGHT_NUMERIC1:Description	Read/write, memory	User-defined name of the parameter
AV24	4206	LIGHT_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV24	Low limit	LIGHT_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV24	High limit	LIGHT_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV24	4201	LIGHT_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV24	Out of service	LIGHT_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV24	4200	LIGHT_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV24	4202	LIGHT_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV24	Units	LIGHT_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV25	Present value	LIGHT_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV25	Description	LIGHT_NUMERIC2:Description	Read/write, memory	User-defined name of the parameter

BACnet ID	Object property	Object name	Access	Description
AV25	4206	LIGHT_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV25	Low limit	LIGHT_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV25	High limit	LIGHT_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV25	4201	LIGHT_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV25	Out of service	LIGHT_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV25	4200	LIGHT_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV25	4202	LIGHT_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV25	Units	LIGHT_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV26	Present value	LIGHT_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV26	Description	LIGHT_NUMERIC3:Description	Read/write, memory	User-defined name of the parameter
AV26	4206	LIGHT_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV26	Low limit	LIGHT_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV26	High limit	LIGHT_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV26	4201	LIGHT_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV26	Out of service	LIGHT_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV26	4200	LIGHT_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV26	4202	LIGHT_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV26	Units	LIGHT_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV27	Present value	LIGHT_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV27	Description	LIGHT_NUMERIC4:Description	Read/write, memory	User-defined name of the parameter
AV27	4206	LIGHT_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV27	Low limit	LIGHT_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV27	High limit	LIGHT_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV27	4201	LIGHT_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV27	Out of service	LIGHT_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV27	4200	LIGHT_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV27	4202	LIGHT_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV27	Units	LIGHT_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV28	Present value	LIGHT_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter
AV28	Description	LIGHT_NUMERIC5:Description	Read/write, memory	User-defined name of the parameter
AV 20	4206	LIGHT_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV28	Low limit	LIGHT_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV28	High limit	LIGHT_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV28	4201	LIGHT_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV28	Out of service	LIGHT_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV28	4200	LIGHT_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter
AV28	4202	LIGHT_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV28	Units	LIGHT_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV29	Present value	LIGHT_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV29	Description	LIGHT_NUMERIC6:Description	Read/write, memory	User-defined name of the parameter
AV29	4206	LIGHT_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV29	Low limit	LIGHT_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV29	High limit	LIGHT_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV29	4201	LIGHT_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV29	Out of service	LIGHT_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV29	4200	LIGHT_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter
AV29	4202	LIGHT_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV29	Units	LIGHT_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV30	Present value	LIGHTNUMERIC7:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV30	Description	LIGHT_NUMERIC7:Description	Read/write, memory	User-defined name of the parameter
AV30	4206	LIGHT_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV30	Low limit	LIGHT_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV30	High limit	LIGHT_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV30	4201	LIGHT_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV30	Out of service	LIGHT_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV30	4200	LIGHT_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter
AV30	4202	LIGHT_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV30	Units	LIGHT_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV31	Present value	LIGHT_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV31	Description	LIGHT_NUMERIC8:Description	Read/write, memory	User-defined name of the parameter
AV31	4206	LIGHT_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV31	Low limit	LIGHT_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV31	High limit	LIGHT_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV31	4201	LIGHT_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV31	Out of service	LIGHT_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV31	4200	LIGHT_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
AV31	4202	LIGHT_NUMERIC8:Deciamal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV31	Units	LIGHT_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV24	Present value	LIGHT_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV24	Description	LIGHT_BOOLEAN1:Description	Read/write, memory	User-defined name of the parameter
BV24	4203	LIGHT_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV24	4204	LIGHT_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV24	4201	LIGHT_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV24	Out of service	LIGHT_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV24	4200	LIGHT_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter
BV25	Present value	LIGHT_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV25	Description	LIGHT_BOOLEAN2:Description	Read/write, memory	User-defined name of the parameter
BV25	4203	LIGHT_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV25	4204	LIGHT_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value
BV25	4201	LIGHT_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV25	Out of service	LIGHT_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV25	4200	LIGHT_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
BV26	Present value	LIGHT_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV26	Description	LIGHT_BOOLEAN3:Description	Read/write, memory	User-defined name of the parameter
BV26	4203	LIGHT_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value
BV26	4204	LIGHT_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV26	4201	LIGHT_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV26	Out of service	LIGHT_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV26	4200	LIGHT_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV27	Present value	LIGHT_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV27	Description	LIGHT_BOOLEAN4:Description	Read/write, memory	User-defined name of the parameter
BV27	4203	LIGHT_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV27	4204	LIGHT_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV27	4201	LIGHT_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV27	Out of service	LIGHT_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV27	4200	LIGHT_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV28	Present value	LIGHT_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV28	Description	LIGHT_BOOLEAN5:Description	Read/write, memory	User-defined name of the parameter

BACnet ID	Object property	Object name	Access	Description
BV28	4203	LIGHT_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV28	4204	LIGHT_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV28	4201	LIGHT_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV28	Out of service	LIGHT_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV28	4200	LIGHT_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV29	Present value	LIGHT_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV29	Description	LIGHT_BOOLEAN6:Description	Read/write, memory	User-defined name of the parameter
BV29	4203	LIGHT_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV29	4204	LIGHT_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value
BV29	4201	LIGHT_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV29	Out of service	LIGHT_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV29	4200	LIGHT_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV30	Present value	LIGHT_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter
BV30	Description	LIGHT_BOOLEAN7:Description	Read/write, memory	User-defined name of the parameter
BV30	4203	LIGHT_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV30	4204	LIGHT_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value

BACnet ID	Object property	Object name	Access	Description
BV30	4201	LIGHT_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV30	Out of service	LIGHT_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV30	4200	LIGHT_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter
BV31	Present value	LIGHT_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV31	Description	LIGHT_BOOLEAN8:Description	Read/write, memory	User-defined name of the parameter
BV31	4203	LIGHT_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value
BV31	4204	LIGHT_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV31	4201	LIGHT_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV31	Out of service	LIGHT_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV31	4200	LIGHT_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter

14.1.6 Blind Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV32	Present value	BLIND_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV32	Description	BLIND_NUMERIC1:Name	Read/write, memory	User-defined name of the parameter

BACnet ID	Object property	Object name	Access	Description
AV32	4206	BLIND_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV32	Low limit	BLIND_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV32	High limit	BLIND_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV32	4201	BLIND_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV32	Out of service	BLIND_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV32	4200	BLIND_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV32	4202	BLIND_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV32	Units	BLIND_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV33	Present value	BLIND_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV33	Description	BLIND_NUMERIC2:Name	Read/write, memory	User-defined name of the parameter
AV33	4206	BLIND_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV33	Low limit	BLIND_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV33	High limit	BLIND_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV33	4201	BLIND_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV33	Out of service	BLIND_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV33	4200	BLIND_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV34	4202	BLIND_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV34	Units	BLIND_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV34	Present value	BLIND_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV34	Description	BLIND_NUMERIC3:Name	Read/write, memory	User-defined name of the parameter
AV34	4206	BLIND_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV34	Low limit	BLIND_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV34	High limit	BLIND_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV34	4201	BLIND_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV34	Out of service	BLIND_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV34	4200	BLIND_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV34	4202	BLIND_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV34	Units	BLIND_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV35	Present value	BLIND_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV35	Description	BLIND_NUMERIC4:Name	Read/write, memory	User-defined name of the parameter
AV35	4206	BLIND_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV35	Low limit	BLIND_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV35	High limit	BLIND_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV35	4201	BLIND_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV35	Out of service	BLIND_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV35	4200	BLIND_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV35	4202	BLIND_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV35	Units	BLIND_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV36	Present value	BLIND_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter
AV36	Description	BLIND_NUMERIC5:Name	Read/write, memory	User-defined name of the parameter
AV36	4206	BLIND_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV36	Low limit	BLIND_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV36	High limit	BLIND_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV36	4201	BLIND_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV36	Out of service	BLIND_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV36	4200	BLIND_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter
AV36	4202	BLIND_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV36	Units	BLIND_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV37	Present value	BLIND_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV37	Description	BLIND_NUMERIC6:Name	Read/write, memory	User-defined name of the parameter
AV37	4206	BLIND_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV37	Low limit	BLIND_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV37	High limit	BLIND_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV37	4201	BLIND_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV37	Out of service	BLIND_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV37	4200	BLIND_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter
AV37	4202	BLIND_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV37	Units	BLIND_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV38	Present value	BLINDNUMERIC7:Present Value	Read/write, memory	Current value of the parameter
AV38	Description	BLIND_NUMERIC7:Name	Read/write, memory	User-defined name of the parameter
AV38	4206	BLIND_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV38	Low limit	BLIND_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV38	High limit	BLIND_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV38	4201	BLIND_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV38	Out of service	BLIND_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV38	4200	BLIND_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
AV38	4202	BLIND_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV38	Units	BLIND_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV39	Present value	BLIND_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV39	Description	BLIND_NUMERIC8:Name	Read/write, memory	User-defined name of the parameter
AV39	4206	BLIND_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV39	Low limit	BLIND_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV39	High limit	BLIND_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV39	4201	BLIND_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV39	Out of service	BLIND_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV39	4200	BLIND_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter
AV39	4202	BLIND_NUMERIC8:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV39	Units	BLIND_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV32	Present value	BLIND_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV32	Description	BLIND_BOOLEAN1:Name	Read/write, memory	User-defined name of the parameter
BV32	4203	BLIND_BOOLEAN1:True text	Read/write, memory	Text for the parameter's true value
BV32	4204	BLIND_BOOLEAN1:False text	Read/write, memory	Text for the parameter's false value

BACnet ID	Object property	Object name	Access	Description
BV32	4201	BLIND_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV32	Out of service	BLIND_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV32	4200	BLIND_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter
BV33	Present value	BLIND_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV33	Description	BLIND_BOOLEAN2:Name	Read/write, memory	User-defined name of the parameter
BV33	4203	BLIND_BOOLEAN2:True text	Read/write, memory	Text for the parameter's true value
BV33	4204	BLIND_BOOLEAN2:False text	Read/write, memory	Text for the parameter's false value
BV33	4201	BLIND_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV33	Out of service	BLIND_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV33	4200	BLIND_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter
BV34	Present value	BLIND_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV34	Description	BLIND_BOOLEAN3:Name	Read/write, memory	User-defined name of the parameter
BV34	4203	BLIND_BOOLEAN3:True text	Read/write, memory	Text for the parameter's true value
BV34	4204	BLIND_BOOLEAN3:False text	Read/write, memory	Text for the parameter's false value
BV34	4201	BLIND_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV34	Out of service	BLIND_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu

BACnet ID	Object property	Object name	Access	Description
BV34	4200	BLIND_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV35	Present value	BLIND_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV35	Description	BLIND_BOOLEAN4:Name	Read/write, memory	User-defined name of the parameter
BV35	4203	BLIND_BOOLEAN4:True text	Read/write, memory	Text for the parameter's true value
BV35	4204	BLIND_BOOLEAN4:False text	Read/write, memory	Text for the parameter's false value
BV35	4201	BLIND_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV35	Out of service	BLIND_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV35	4200	BLIND_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV36	Present value	BLIND_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV36	Description	BLIND_BOOLEAN5:Name	Read/write, memory	User-defined name of the parameter
BV36	4203	BLIND_BOOLEAN5:True text	Read/write, memory	Text for the parameter's true value
BV36	4204	BLIND_BOOLEAN5:False text	Read/write, memory	Text for the parameter's false value
BV36	4201	BLIND_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV36	Out of service	BLIND_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV36	4200	BLIND_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV37	Present value	BLIND_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
BV37	Description	BLIND_BOOLEAN6:Name	Read/write, memory	User-defined name of the parameter
BV37	4203	BLIND_BOOLEAN6:True text	Read/write, memory	Text for the parameter's true value
BV37	4204	BLIND_BOOLEAN6:False text	Read/write, memory	Text for the parameter's false value
BV37	4201	BLIND_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV37	Out of service	BLIND_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV37	4200	BLIND_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV38	Present value	BLIND_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter
BV38	Description	BLIND_BOOLEAN7:Name	Read/write, memory	User-defined name of the parameter
BV38	4203	BLIND_BOOLEAN7:True text	Read/write, memory	Text for the parameter's true value
BV38	4204	BLIND_BOOLEAN7:False text	Read/write, memory	Text for the parameter's false value
BV38	4201	BLIND_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV38	Out of service	BLIND_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV38	4200	BLIND_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter
BV39	Present value	BLIND_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV39	Description	BLIND_BOOLEAN8:Name	Read/write, memory	User-defined name of the parameter
BV39	4203	BLIND_BOOLEAN8:True text	Read/write, memory	Text for the parameter's true value

BACnet ID	Object property	Object name	Access	Description
BV39	4204	BLIND_BOOLEAN8:False text	Read/write, memory	Text for the parameter's false value
BV39	4201	BLIND_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV39	Out of service	BLIND_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV39	4200	BLIND_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter

14.1.7 Alarm Submenu Objects

Warning!

Please note that the following table contains objects for all series of the Control Point panels.

BACnet ID	Object property	Object name	Access	Description
AV40	Present value	ALARMS_NUMERIC1:Present Value	Read/write, memory	Current value of the parameter
AV40	Description	ALARMS_NUMERIC1:Name	Read/write, memory	User-defined name of the parameter
AV40	4206	ALARMS_NUMERIC1:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV40	Low limit	ALARMS_NUMERIC1:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV40	High limit	ALARMS_NUMERIC1:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV40	4201	ALARMS_NUMERIC1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV40	Out of service	ALARMS_NUMERIC1:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV40	4200	ALARMS_NUMERIC1:Editability	Read/write, memory	Enabling editability of the parameter
AV40	4202	ALARMS_NUMERIC1:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3

BACnet ID	Object property	Object name	Access	Description
AV40	Units	ALARMS_NUMERIC1:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV41	Present value	ALARMS_NUMERIC2:Present Value	Read/write, memory	Current value of the parameter
AV41	Description	ALARMS_NUMERIC2:Name	Read/write, memory	User-defined name of the parameter
AV41	4206	ALARMS_NUMERIC2:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV41	Low limit	ALARMS_NUMERIC2:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV41	High limit	ALARMS_NUMERIC2:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV41	4201	ALARMS_NUMERIC2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV41	Out of service	ALARMS_NUMERIC2:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV41	4200	ALARMS_NUMERIC2:Editability	Read/write, memory	Enabling editability of the parameter
AV41	4202	ALARMS_NUMERIC2:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV41	Units	ALARMS_NUMERIC2:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV42	Present value	ALARMS_NUMERIC3:Present Value	Read/write, memory	Current value of the parameter
AV42	Description	ALARMS_NUMERIC3:Name	Read/write, memory	User-defined name of the parameter
AV42	4206	ALARMS_NUMERIC3:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV42	Low limit	ALARMS_NUMERIC3:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV42	High limit	ALARMS_NUMERIC3:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV42	4201	ALARMS_NUMERIC3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV42	Out of service	ALARMS_NUMERIC3:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV42	4200	ALARMS_NUMERIC3:Editability	Read/write, memory	Enabling editability of the parameter
AV42	4202	ALARMS_NUMERIC3:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV42	Units	ALARMS_NUMERIC3:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV43	Present value	ALARMS_NUMERIC4:Present Value	Read/write, memory	Current value of the parameter
AV43	Description	ALARMS_NUMERIC4:Name	Read/write, memory	User-defined name of the parameter
AV43	4206	ALARMS_NUMERIC4:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV43	Low limit	ALARMS_NUMERIC4:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV43	High limit	ALARMS_NUMERIC4:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV43	4201	ALARMS_NUMERIC4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV43	Out of service	ALARMS_NUMERIC4:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV43	4200	ALARMS_NUMERIC4:Editability	Read/write, memory	Enabling editability of the parameter
AV43	4202	ALARMS_NUMERIC4:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV43	Units	ALARMS_NUMERIC4:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV44	Present value	ALARMS_NUMERIC5:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
AV44	Description	ALARMS_NUMERIC5:Name	Read/write, memory	User-defined name of the parameter
AV44	4206	ALARMS_NUMERIC5:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV44	Low limit	ALARMS_NUMERIC5:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV44	High limit	ALARMS_NUMERIC5:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV44	4201	ALARMS_NUMERIC5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV44	Out of service	ALARMS_NUMERIC5:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV44	4200	ALARMS_NUMERIC5:Editability	Read/write, memory	Enabling editability of the parameter
AV44	4202	ALARMS_NUMERIC5:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV44	Units	ALARMS_NUMERIC5:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV45	Present value	ALARMS_NUMERIC6:Present Value	Read/write, memory	Current value of the parameter
AV45	Description	ALARMS_NUMERIC6:Name	Read/write, memory	User-defined name of the parameter
AV45	4206	ALARMS_NUMERIC6:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV45	Low limit	ALARMS_NUMERIC6:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV45	High limit	ALARMS_NUMERIC6:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV45	4201	ALARMS_NUMERIC6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV45	Out of service	ALARMS_NUMERIC6:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV45	4200	ALARMS_NUMERIC6:Editability	Read/write, memory	Enabling editability of the parameter

BACnet ID	Object property	Object name	Access	Description
AV45	4202	ALARMS_NUMERIC6:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV45	Units	ALARMS_NUMERIC6:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV46	Present value	ALARMSNUMERIC7:Present Value	Read/write, memory	Current value of the parameter
AV46	Description	ALARMS_NUMERIC7:Name	Read/write, memory	User-defined name of the parameter
AV46	4206	ALARMS_NUMERIC7:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV46	Low limit	ALARMS_NUMERIC7:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV46	High limit	ALARMS_NUMERIC7:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.
AV46	4201	ALARMS_NUMERIC7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV46	Out of service	ALARMS_NUMERIC7:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV46	4200	ALARMS_NUMERIC7:Editability	Read/write, memory	Enabling editability of the parameter
AV46	4202	ALARMS_NUMERIC7:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV46	Units	ALARMS_NUMERIC7:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
AV47	Present value	ALARMS_NUMERIC8:Present Value	Read/write, memory	Current value of the parameter
AV47	Description	ALARMS_NUMERIC8:Name	Read/write, memory	User-defined name of the parameter
AV47	4206	ALARMS_NUMERIC8:Step	Read/write, memory	Step of the parameter value change. Default: 0.
AV47	Low limit	ALARMS_NUMERIC8:Low Limit	Read/write, memory	Minimum value of the parameter. Default: 0.
AV47	High limit	ALARMS_NUMERIC8:High Limit	Read/write, memory	Maximum value of the parameter. Default: 0.

BACnet ID	Object property	Object name	Access	Description
AV47	4201	ALARMS_NUMERIC8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
AV47	Out of service	ALARMS_NUMERIC8:Visibility	Read/write, memory	Activating display of the parameter in the submenu
AV47	4200	ALARMS_NUMERIC8:Editability	Read/write, memory	Enabling editability of the parameter
AV47	4202	ALARMS_NUMERIC8:Decimal Places	Read/write, memory	Number of displayed decimal places from 0 to 3
AV47	Units	ALARMS_NUMERIC8:Units	Read/write, memory	Supported units: ° C, ° F, Pa, Lx, ppm, m^3/h, %RH, L/s, %, h
BV40	Present value	ALARMS_BOOLEAN1:Present Value	Read/write, memory	Current value of the parameter
BV40	Description	ALARMS_BOOLEAN1:Name	Read/write, memory	User-defined name of the parameter
BV40	4203	ALARMS_BOOLEAN1:True Text	Read/write, memory	Text for the parameter's true value
BV40	4204	ALARMS_BOOLEAN1:False Text	Read/write, memory	Text for the parameter's false value
BV40	4201	ALARMS_BOOLEAN1:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV40	Out of service	ALARMS_BOOLEAN1:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV40	4200	ALARMS_BOOLEAN1:Editability	Read/write, memory	Enabling editability of the parameter
BV41	Present value	ALARMS_BOOLEAN2:Present Value	Read/write, memory	Current value of the parameter
BV41	Description	ALARMS_BOOLEAN2:Name	Read/write, memory	User-defined name of the parameter
BV41	4203	ALARMS_BOOLEAN2:True Text	Read/write, memory	Text for the parameter's true value
BV41	4204	ALARMS_BOOLEAN2:False Text	Read/write, memory	Text for the parameter's false value

BACnet ID	Object property	Object name	Access	Description
BV41	4201	ALARMS_BOOLEAN2:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV41	Out of service	ALARMS_BOOLEAN2:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV41	4200	ALARMS_BOOLEAN2:Editability	Read/write, memory	Enabling editability of the parameter
BV42	Present value	ALARMS_BOOLEAN3:Present Value	Read/write, memory	Current value of the parameter
BV42	Description	ALARMS_BOOLEAN3:Name	Read/write, memory	User-defined name of the parameter
BV42	4203	ALARMS_BOOLEAN3:True Text	Read/write, memory	Text for the parameter's true value
BV42	4204	ALARMS_BOOLEAN3:False Text	Read/write, memory	Text for the parameter's false value
BV42	4201	ALARMS_BOOLEAN3:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV42	Out of service	ALARMS_BOOLEAN3:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV42	4200	ALARMS_BOOLEAN3:Editability	Read/write, memory	Enabling editability of the parameter
BV43	Present value	ALARMS_BOOLEAN4:Present Value	Read/write, memory	Current value of the parameter
BV43	Description	ALARMS_BOOLEAN4:Name	Read/write, memory	User-defined name of the parameter
BV43	4203	ALARMS_BOOLEAN4:True Text	Read/write, memory	Text for the parameter's true value
BV43	4204	ALARMS_BOOLEAN4:False Text	Read/write, memory	Text for the parameter's false value
BV43	4201	ALARMS_BOOLEAN4:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV43	Out of service	ALARMS_BOOLEAN4:Visibility	Read/write, memory	Activating the display of the parameter in the submenu

BACnet ID	Object property	Object name	Access	Description
BV43	4200	ALARMS_BOOLEAN4:Editability	Read/write, memory	Enabling editability of the parameter
BV44	Present value	ALARMS_BOOLEAN5:Present Value	Read/write, memory	Current value of the parameter
BV44	Description	ALARMS_BOOLEAN5:Name	Read/write, memory	User-defined name of the parameter
BV44	4203	ALARMS_BOOLEAN5:True Text	Read/write, memory	Text for the parameter's true value
BV44	4204	ALARMS_BOOLEAN5:False Text	Read/write, memory	Text for the parameter's false value
BV44	4201	ALARMS_BOOLEAN5:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV44	Out of service	ALARMS_BOOLEAN5:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV44	4200	ALARMS_BOOLEAN5:Editability	Read/write, memory	Enabling editability of the parameter
BV45	Present value	ALARMS_BOOLEAN6:Present Value	Read/write, memory	Current value of the parameter
BV45	Description	ALARMS_BOOLEAN6:Name	Read/write, memory	User-defined name of the parameter
BV45	4203	ALARMS_BOOLEAN6:True Text	Read/write, memory	Text for the parameter's true value
BV45	4204	ALARMS_BOOLEAN6:False Text	Read/write, memory	Text for the parameter's false value
BV45	4201	ALARMS_BOOLEAN6:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV45	Out of service	ALARMS_BOOLEAN6:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV45	4200	ALARMS_BOOLEAN6:Editability	Read/write, memory	Enabling editability of the parameter
BV46	Present value	ALARMS_BOOLEAN7:Present Value	Read/write, memory	Current value of the parameter

BACnet ID	Object property	Object name	Access	Description
BV46	Description	ALARMS_BOOLEAN7:Name	Read/write, memory	User-defined name of the parameter
BV46	4203	ALARMS_BOOLEAN7:True Text	Read/write, memory	Text for the parameter's true value
BV46	4204	ALARMS_BOOLEAN7:False Text	Read/write, memory	Text for the parameter's false value
BV46	4201	ALARMS_BOOLEAN7:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV46	Out of service	ALARMS_BOOLEAN7:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV46	4200	ALARMS_BOOLEAN7:Editability	Read/write, memory	Enabling editability of the parameter
BV47	Present value	ALARMS_BOOLEAN8:Present Value	Read/write, memory	Current value of the parameter
BV47	Description	ALARMS_BOOLEAN8:Name	Read/write, memory	User-defined name of the parameter
BV47	4203	ALARMS_BOOLEAN8:True Text	Read/write, memory	Text for the parameter's true value
BV47	4204	ALARMS_BOOLEAN8:False Text	Read/write, memory	Text for the parameter's false value
BV47	4201	ALARMS_BOOLEAN8:Priority	Read/write, memory	Priority of the parameter for sequence of display in the submenu
BV47	Out of service	ALARMS_BOOLEAN8:Visibility	Read/write, memory	Activating the display of the parameter in the submenu
BV47	4200	ALARMS_BOOLEAN8:Editability	Read/write, memory	Enabling editability of the parameter